```
dir.txt
  Volume in drive D is CAF
  Volume Serial Number is OE6E-3BA2
  Directory of D:\
                 01:36p
 10/31/2003
                                  <DIR>
                                                       CVS
 11/04/2003
                 10:16a
                                        30,483,968 cvs.Mon.tar
                      1 File(s)
                                         30,483,968 bytes
  Directory of D:\cvs
 01/01/1601
                 12:00a
                                  <DIR>
01/01/1601

09/15/2003

10/24/2003

10/31/2003

10/31/2003

10/31/2003

10/31/2003

10/31/2003

10/31/2003

10/24/2003

10/24/2003

10/22/2003

10/22/2003

10/22/2003

10/30/2002

08/23/2002

08/23/2002

08/23/2002

08/23/2002

08/23/2003

10/24/2003

10/24/2003

10/30/2003

10/24/2003

10/24/2003

10/24/2003

10/24/2003
                 12:00a
                                  <DIR>
                 09:58a
                                  <DIR>
                                                       .ssh
                 02:02p
                                  <DIR>
                                                       auto fill VT
                 04:08p
                                  <DIR>
                                                       autoFill
                 02:02p
                                  <DIR>
                                                       AUTOFILL_SNAPSHOT
                 04:04p
                                  <DIR>
                                                       cafweb
                 04:01p
                                  <DIR>
                                                       cmm
                 02:54p
                                  <DIR>
                                                       CVSROOT
                 04:01p
                                  <DIR>
                                                       ets
                 02:02p
                                  <DIR>
                                                       FOREIGN_QUOTES
                 04:08p
                                  <DIR>
                                                       prule
                 02:03p
                                  <DIR>
                                                       afix
                                                       syblib
                 11:24a
                                  <DIR>
                 10:43a
                                  <DIR>
                                                       tmp
                                              9,955 .bash_history
24 .bash_logout
                 02:55p
                 02:01p
                 02:01p
                                                 191 bash_profile
                 02:01p
                                                 124 .bashrc
                 05:57p
                                                 854 .emacs
                 01:00p
                                              120 .gtkrc
5,466 .viminfo
                 02:54p
                 08:32a
                                                   56
                                                      .xauthJccsDN
                 12:29p
                                                      .Xauthority
                                                   66
                 10:58a
                                                  65
                                                      .xauthzfam6x
                 11:02a
                                                  71 backup_sh
                 02:06p
                                              5,027 cvscommitemail.pl
10/27/2003
                10:44a
                                              1,173 dead.letter
                   13 File(s)
                                              23,192 bytes
 Directory of D:\cvs\.ssh
01/01/1601
                12:00a
                                  <DIR>
01/01/1601
                12:00a
                                  <DIR>
09/15/2003
09/15/2003
10/28/2003
                                                887 id_rsa
225 id_rsa.pub
439 known_hosts
                09:58a
                09:58a
                04:21p
                     3 File(s)
                                               1,551 bytes
 Directory of D:\cvs\AUTOFILL_SNAPSHOT
01/01/1601
                12:00a
                                 <DIR>
01/01/1601
10/28/2003
                12:00a
                                 <DIR>
                03:35p
                                 <DIR>
                                                      NES_webserver
10/24/2003
                02:02p
                                 <DIR>
                                                      VT_environment
                     0 File(s)
                                                     0 bytes
 Directory of D:\cvs\AUTOFILL_SNAPSHOT\NES_webserver
01/01/1601
                12:00a
                                 <DTR>
01/01/1601
                12:00a
                                 <DIR>
10/06/2003
                07:33a
                                           770,068 AutoFill client.fla,v
                                                      Page 1
```

```
dir.txt
 09/25/2003
                         09:36a
                                                                   4,371 autoFill.jsp,v
 09/25/2003
09/25/2003
09/25/2003
09/25/2003
                                                                 93,096 AutoFill.swf,v
1,201 autoFill_fs.jsp,v
2,286 autoFill_topframe.htm,v
                         09:36a
                         09:36a
                         09:36a
                                                                363 test file.htm,v
871,385 bytes
                         03:40a
                               6 File(s)
   Directory of D:\cvs\AUTOFILL_SNAPSHOT\VT_environment
01/01/1601
01/01/1601
09/25/2003
                         12:00a
                                                 <DIR>
                         12:00a
                                                 <DIR>
                                                                 4,066 autoFill.asp,v
3,902 autoFill.asp.development,v
33,759 checkDisclaimer.asp,v
                         09:36a
 09/30/2003
09/25/2003
09/25/2003
09/25/2003
                         12:55p
09:36a
                         09:36a
                                                                   2,132 checkFlash.htm,v
                         09:36a
                                                                 30,946 disclaimer work.htm,v
                                                                   671 signAgreement.asp,v
75,476 bytes
 09/25/2003
                         09:36a
                               6 File(s)
   Directory of D:\cvs\CVSROOT
 01/01/1601
                         12:00a
                                                 <DIR>
01/01/1601

08/27/2003

09/23/2003

09/23/2003

09/23/2003

09/23/2003

09/23/2003

09/23/2003

09/23/2003

09/23/2003

09/23/2003

09/23/2003

10/24/2003

10/15/2003

08/27/2003

10/15/2003

08/27/2003

10/15/2003

08/27/2003

10/15/2003

08/27/2003

10/15/2003

08/27/2003

10/15/2003

08/27/2003

10/15/2003

08/27/2003

10/30/2003

10/30/2003

10/30/2003
                         12:00a
                                                <DIR>
                         01:31p
                                                 <DIR>
                                                                               Emptydir
                         10:59a
                                                                       493 .#checkoutlist
                         10:59a
                                                                       760 .#commitinfo
                                                                  987 .#config
602 .#cvswrappers
1,025 .#editinfo
                         10:59a
10:59a
                         10:59a
                                                                   1,141 .#loginfo
1,151 .#modules
564 .#notify
                         10:59a
                         10:59a
                         10:59a
                         10:59a
                                                                       649 .#rcsinfo
                                                                  879 .#taginfo
1,026 .#verifymsg
4,096 .loginfo.swp
                         10:59a
                         10:59a
                        02:10p
02:20p
                                                                       493 checkoutlist
                        01:31p
09:41a
                                                                       692 checkoutlist,v
                                                                       760 commitinfo
959 commitinfo,v
                        01:31p
                        12:25p
02:20p
01:31p
                                                                15,616 commitlog
                                                                  987 config
1,186 config,v
                        02:20p
                                                                       602 cvswrappers
                        01:31p
02:20p
                                                                       801 cvswrappers, v
                                                                1,025 editinfo
1,224 editinfo,v
87,736 history
1,334 loginfo
1,340 loginfo,v
5,280 mail-to-dev.pl
                        01:31p
                        07:12a
                        09:57a
01:31p
02:54p
10/30/2003
10/15/2003
08/27/2003
10/15/2003
08/27/2003
10/06/2003
10/15/2003
08/27/2003
08/27/2003
08/27/2003
08/27/2003
08/27/2003
                        02:20p
                                                                  1,151 modules
                        01:31p
02:20p
                                                                  1,350 modules,v
564 notify
                        01:31p
                                                                      763 notify,v
                        11:39a
02:20p
                                                                        37 passwd
                                                                      649 rcsinfo
848 rcsinfo,v
                        01:31p
                        02:20p
                                                                      879 taginfo
                                                                  1,078 taginfo,v
0 val-tags
1,026 verifymsg
                        01:31p
                        01:31p
                        02:20p
                        01:31p
                                                                  1,225 verifymsg,v
                                                                              Page 2
```

dir.txt

```
39 File(s)
                                              142.978 bytes
  Directory of D:\cvs\CVSROOT\Emptydir
                  12:00a
01/01/1601
                                   <DIR>
01/01/1601
                  12:00a
                                   <DIR>
                      0 File(s)
                                                       0 bytes
 Directory of D:\cvs\FOREIGN_QUOTES
01/01/1601
01/01/1601
09/30/2003
09/30/2003
                 12:00a
                                   <DTR>
                 12:00a
                                   <DIR>
                                               8,110 gatorxMLParser.jsp,v
1,986 globalQuotes_form.htm,v
901 globalQuotes_fs.htm,v
10,997 bytes
                 12:55p
12:55p
09/29/2003
                 05:25a
                      3 File(s)
 Directory of D:\cvs\auto fill VT
01/01/1601
01/01/1601
09/23/2003
                 12:00a
                                   <DIR>
                 12:00a
                                   <DIR>
                                               4,059 autoFill.asp,v
                 11:00a
09/23/2003
09/23/2003
09/23/2003
                                              43,039 checkDisclaimer.asp,v
2,125 checkFlash.htm,v
                 11:00a
                  11:00a
                                              30,939 disclaimer work.htm.v
                 11:00a
09/23/2003
                 11:00a
                                                  664 signAgreement.asp,v
                                               80,826 bytes
                      5 File(s)
 Directory of D:\cvs\autoFill
01/01/1601
01/01/1601
10/31/2003
09/23/2003
09/23/2003
09/23/2003
09/23/2003
                 12:00a
                                   <DIR>
                 12:00a
                                  <DIR>
                 04:08p
                                            VT_environment
410,297 AutoFill client.fla,v
4,358 autoFill.jsp,v
                                   <DIR>
                 10:54a
10:54a
                                              93,083 AutoFill.swf,v
1,188 autoFill_fs.jsp,v
2,273 autoFill_topframe.htm,v
511,199 bytes
                 10:54a
                 10:54a
09/23/2003
                 10:54a
                      5 File(s)
 Directory of D:\cvs\autoFill\VT_environment
01/01/1601
                 12:00a
                                  <DIR>
01/01/1601
                 12:00a
                                  <DIR>
09/23/2003
09/23/2003
09/23/2003
09/23/2003
                                               4,053 autoFill.asp,v
                 10:54a
                 10:54a
                                              43,033 checkDisclaimer.asp,v
                 10:54a
                                               2,119 checkFlash.htm,v
                                              30,933 disclaimer work.htm,v
658 signAgreement.asp,v
                 10:54a
09/23/2003
                 10:54a
                      5 File(s)
                                               80.796 bytes
 Directory of D:\cvs\cafweb
01/01/1601
01/01/1601
                 12:00a
                                  <DIR>
                 12:00a
                                  <DIR>
10/31/2003
                 04:04p
                                  <DIR>
                                                       src
                     0 File(s)
                                                      0 bytes
 Directory of D:\cvs\cafweb\src
01/01/1601
01/01/1601
                 12:00a
                                  <DTR>
                 12:00a
                                  <DIR>
10/31/2003
                 04:04p
                                  <DIR>
                                                       com
                                                       Page 3
```

```
dir.txt
 10/31/2003
               04:04p
                               <DIR>
                                                jsp
0 bytes
                   0 File(s)
  Directory of D:\cvs\cafweb\src\com
 01/01/1601
               12:00a
                               <DIR>
 01/01/1601
               12:00a
                               <DIR>
 10/31/2003
               04:04p
                               <DIR>
                                                 crown
                   0 File(s)
                                                0 bytes
  Directory of D:\cvs\cafweb\src\com\crown
01/01/1601
               12:00a
                               <DIR>
 01/01/1601
               12:00a
                               <DIR>
 10/31/2003
               04:04p
                               <DIR>
                                                 nes
                   0 File(s)
                                                0 bytes
  Directory of D:\cvs\cafweb\src\com\crown\nes
01/01/1601
               12:00a
                               <DIR>
01/01/1601
01/01/1601
10/31/2003
10/31/2003
10/31/2003
10/31/2003
10/31/2003
10/31/2003
               12:00a
                               <DIR>
               04:04p
                               <DIR>
                                                 common
               04:04p
                               <DIR>
                                                 parser
                                                 pricecatcher
               04:04p
                               <DIR>
               04:04p
                               <DIR>
                                                 pricing
               04:04p
                               <DIR>
                                                 rules
               04:04p
                               <DIR>
                                                 server
               04:04p
                               <DIR>
                                                 util
10/31/2003
               04:04p
                               <DIR>
                                                 weh
                   0 File(s)
                                                0 bytes
 Directory of D:\cvs\cafweb\src\com\crown\nes\common
01/01/1601
01/01/1601
               12:00a
                               <DIR>
               12:00a
                               <DIR>
               09:55a
09/22/2003
                                            978 Constants.java,v
                   1 File(s)
                                             978 bytes
 Directory of D:\cvs\cafweb\src\com\crown\nes\parser
01/01/1601
               12:00a
                              <DIR>
01/01/1601
               12:00a
                              <DIR>
09/22/2003
09/22/2003
09/22/2003
09/22/2003
               09:55a
                                            668 IRuleEventReceiver.java,v
                                          882 RuleEventObject.java,v
6,140 RuleParser.java,v
               09:55a
               09:55a
                                          1,680 RuleParserConstants.java,v
               09:55a
                                         3,867 RuleProcessInfo.java,v
13,237 bytes
               09:55a
09/22/2003
                   5 File(s)
 Directory of D:\cvs\cafweb\src\com\crown\nes\pricecatcher
01/01/1601
01/01/1601
09/22/2003
09/22/2003
09/22/2003
09/22/2003
               12:00a
                              <DIR>
               12:00a
                              <DIR>
              09:55a
09:55a
09:55a
                                        8,515 Configuration.java,v
10,538 PriceCatcher.java,v
                                         1,645 PriceDataGroup.java,v
                                          1,999 PriceDataKey.java,v
               09:55a
09/22/2003
09/22/2003
              09:55a
                                        10,761 PriceDataMart.java,v
              09:55a
                                         7,750 PriceDataProcessor.java,v
                   6 File(s)
                                         41,208 bytes
 Directory of D:\cvs\cafweb\src\com\crown\nes\pricing
```

Page 4

```
dir.txt
 01/01/1601
                 12:00a
                                  <DIR>
 01/01/1601
09/22/2003
                 12:00a
                                  <DIR>
                 09:55a
                                               2,513 BBOPriceReq.java,v
3,178 BBOPriceResp.java,v
09/22/2003
09/22/2003
09/22/2003
09/22/2003
09/22/2003
                 09:55a
                                               1,301 PriceConstants.java,v
5,260 PriceDataCache.java,v
687 PriceException.java,v
                 09:55a
                 09:55a
                 09:55a
                 09:55a
                                             15,386 PriceManager.java,v
09/22/2003
09/22/2003
09/22/2003
                 09:55a
                                             16,200 PriceParser.java,v
                 09:55a
                                                  705 PriceParserException.java,v
                                             15,484 PriceReader.java,v
                 09:55a
09/22/2003
09/22/2003
09/22/2003
09/22/2003
09/22/2003
09/22/2003
                 09:55a
                                                  902 PriceReq.java,v
                                                  794 PriceRespijava,v
                 09:55a
                 09:55a
                                               4,754 PriceSvrConnector.java,v
                 09:55a
                                               2,734 SubsMgr.java,v
                 09:55a
09:55a
                                               4,694 SwapPriceReq.java,v
                                               2,320 SwapPriceResp.java,v
76,912 bytes
                    15 File(s)
  Directory of D:\cvs\cafweb\src\com\crown\nes\rules
01/01/1601
                 12:00a
                                  <DIR>
01/01/1601
09/22/2003
09/22/2003
                 12:00a
                                  <DIR>
                 09:55a
                                                 665 IRule.java,v
768 IRuleEvalObj.java,v
                 09:55a
09/22/2003
09/22/2003
09/22/2003
09/22/2003
09/22/2003
09/22/2003
09/22/2003
09/22/2003
09/22/2003
09/22/2003
                                              924 IRuleKey.java,v
8,929 NESRule.java,v
8,451 NESRuleTreeKey.java,v
                 09:55a
                 09:55a
                 09:55a
                 09:55a
                                               5,176 RoundingRule.java,v
                 09:55a
                                             13,047 RoundingRuleData.java,v
                                               4,086 RoundingRulesCache.java,v
                 09:55a
                 09:55a
                                               8,353 RoundingRuleTreeKey.java,v
                 09:55a
                                               1,700 RuleBearer.java,v
                                             1,027 RuleConstants.java,v
10,370 RulesCache.java,v
63,496 bytes
                 09:55a
                 09:55a
                    12 File(s)
 Directory of D:\cvs\cafweb\src\com\crown\nes\server
01/01/1601
                 12:00a
                                  <DIR>
01/01/1601
09/22/2003
                 12:00a
                                  <DIR>
                 09:55a
                                             17,324 NESRuleProcessor.java,v
09/22/2003
                09:55a
                                             26,590 RoundingRuleProcessor.java,v
                                              5,288 RuleSvrThread.java,v
3,152 SvrConfiguration.java,v
52,354 bytes
                09:55a
09/22/2003
09/22/2003
                09:55a
                     4 File(s)
 Directory of D:\cvs\cafweb\src\com\crown\nes\util
01/01/1601
                12:00a
                                  <DIR>
01/01/1601
10/31/2003
10/31/2003
                12:00a
                                  <DIR>
                04:04p
                                  <DIR>
                                                      db
                04:04p
                                  <DIR>
                                                       logging
                                              2,645 NEŠŰtil.java,v
09/22/2003
                09:55a
                                                2,645 bytes
                     1 File(s)
 Directory of D:\cvs\cafweb\src\com\crown\nes\util\db
01/01/1601
01/01/1601
09/22/2003
                12:00a
                                  <DIR>
                12:00a
                                  <DIR>
                09:55a
                                              6,791 ConnectionMgr.java,v
                09:55a
                                              3,199 DBConfiguration.java,v
09/22/2003
                09:55a
                                              3,166 DBUtil.java,v
09/22/2003
                                                      Page 5
```

```
dir.txt
09/22/2003
09/22/2003
09/22/2003
                                                     621 IResultSetProcessor.java,v
                   09:55a
                   09:55a
                                                     615 IUpdateProcessor.java,v
                   09:55a
                                                     731 NullsQLType.java,v
                   09:55a
                                                  2,949 SQLExecuter.java,v
18,072 bytes
 09/22/2003
                       7 File(s)
  Directory of D:\cvs\cafweb\src\com\crown\nes\util\logging
 01/01/1601
01/01/1601
                   12:00a
                                    <DIR>
                   12:00a
                                     <DIR>
                  09:55a
 09/22/2003
                                                  1,658 LogFormatter.java,v
                       1 File(s)
                                                   1,658 bytes
  Directory of D:\cvs\cafweb\src\com\crown\nes\web
01/01/1601
01/01/1601
09/22/2003
09/22/2003
09/22/2003
                   12:00a
                                    <DIR>
                   12:00a
                                     <DIR>
                  09:55a
                                                  6,150 NESDataServlet.java,v
1,347 WebRoundRuleEvalObj.java,v
                  09:55a
                  09:55a
                                                  1,811 WebRuleEvalObj.java,v
                       3 File(s)
                                                   9,308 bytes
  Directory of D:\cvs\cafweb\src\jsp
01/01/1601
01/01/1601
09/22/2003
09/22/2003
09/22/2003
09/22/2003
09/22/2003
09/22/2003
                  12:00a
                                    <DIR>
                   12:00a
                                    <DIR>
                  09:55a
                                                  4,274 autoFill.jsp,v
                                                92,892 AutoFill.swf,v
                  09:55a
                  09:55a
09:55a
                                                1,213 autoFill_fs.jsp,v
2,289 autoFill_topframe.htm,v
19,774 AutoFillCannedData.jsp,v
                  09:55a
                  09:55a
                                                14,094 AutoFillPrice.jsp,v
747 index.jsp,v
                  09:55a
09/22/2003
                       7 File(s)
                                                135,283 bytes
  Directory of D:\cvs\cmm
01/01/1601
01/01/1601
10/31/2003
10/31/2003
10/31/2003
10/31/2003
10/31/2003
10/31/2003
10/31/2003
10/31/2003
10/31/2003
10/31/2003
                  12:00a
                                    <DIR>
                  12:00a
                                    <DIR>
                  04:01p
                                    <DIR>
                                                          esmbrass
                  04:01p
                                    <DIR>
                                                          esmconvert
                  04:01p
                                                          esmcore
                                    <DIR>
                  04:01p
                                    <DIR>
                                                          esmfix
                  04:01p
                                    <DIR>
                                                          esmmarketdata
                  04:01p
                                    <DIR>
                                                          esmserver
                  04:01p
                                    <DIR>
                                                          esmutil
                  04:01p
04:01p
                                    <DIR>
                                                          GFMS
                                    <DIR>
                                                          mds
10/31/2003
                  04:01p
                                    <DIR>
                                                          nesbrass
                      0 File(s)
                                                         0 bytes
 Directory of D:\cvs\cmm\GFMS
01/01/1601
01/01/1601
10/31/2003
                  12:00a
12:00a
                                    <DIR>
                                    <DIR>
                  04:01p
                                    <DIR>
                                                          com
                                              383,440 fixcore_52.jar,v
195,906 GFMS.jar,v
46,864 gma.jar,v
81,991 JavaBrass.jar,v
09/08/2003
                  06:30a
09/08/2003
09/08/2003
09/08/2003
                  06:30a
                  06:30a
                  06:30a
09/08/2003
                                                79,571 Util.jar,v
787,772 bytes
                  06:30a
                      5 File(s)
```

Page 6

```
dir.txt
  Directory of D:\cvs\cmm\GFMS\com
01/01/1601
01/01/1601
10/31/2003
               12:00a
12:00a
                               <DIR>
                               <DIR>
                04:01p
                               <DIR>
                                                  cameronsystems
                   0 File(s)
                                                 0 bytes
 Directory of D:\cvs\cmm\GFMS\com\cameronsystems
01/01/1601
01/01/1601
10/31/2003
               12:00a
12:00a
                               <DIR>
                               <DIR>
               04:01p
                               <DIR>
                                                  gfms
                   0 File(s)
                                                 0 bytes
 Directory of D:\cvs\cmm\GFMS\com\cameronsystems\gfms
01/01/1601
01/01/1601
               12:00a
                               <DIR>
                12:00a
                               <DIR>
               04:01p
10/31/2003
                               <DIR>
                                                  component
                   0 File(s)
                                                 0 bytes
 Directory of D:\cvs\cmm\GFMS\com\cameronsystems\gfms\component
01/01/1601
01/01/1601
               12:00a
                               <DIR>
               12:00a
                               <DIR>
10/31/2003
               04:01p
                                                  cameronfix
                               <DIR>
                   0 File(s)
                                                0 bytes
 Directory of D:\cvs\cmm\GFMS\com\cameronsystems\gfms\component\cameronfix
01/01/1601
01/01/1601
               12:00a
                               <DIR>
               12:00a
                               <DIR>
               06:30a
09/08/2003
                                          1,690 IMessageModifier.java,v
                   1 File(s)
                                           1,690 bytes
 Directory of D:\cvs\cmm\esmbrass
01/01/1601
01/01/1601
10/31/2003
10/31/2003
10/24/2003
10/24/2003
10/24/2003
10/24/2003
               12:00a
                               <DIR>
               12:00a
                              <DIR>
               04:01p
                                                 build
                              <DIR>
               04:01p
                               <DIR>
                                                 src
               02:09p
02:09p
                                            599
                                                 .nbattrs,v
                                            469 build.bat,v
503 build.sh,v
               02:09p
               02:09p
                                          2,000 build.xml,v
10/24/2003
10/24/2003
               02:09p
                                            506 doc.bat,v
               02:09p
                                          2,501 esmbrass.jpx,v
               02:09p
                                           650 testEsm.bat,v
7,228 bytes
10/24/2003
                   7 File(s)
 Directory of D:\cvs\cmm\esmbrass\build
01/01/1601
01/01/1601
10/31/2003
               12:00a
12:00a
                              <DIR>
                              <DIR>
               04:01p
                              <DTR>
                                                 COM
10/31/2003
               04:01p
                              <DIR>
                                                 src
                   0 File(s)
                                                0 bytes
 Directory of D:\cvs\cmm\esmbrass\build\com
01/01/1601
               12:00a
                              <DIR>
01/01/1601
               12:00a
                              <DIR>
10/31/2003
               04:01p
                              <DIR>
                                                 crown
                                                 Page 7
```

```
dir.txt
 10/31/2003
                 04:01p
                                  <DIR>
                                                      esmbrass
 10/31/2003
                 04:01p
                                  <DIR>
                                                       ksil
                     0 File(s)
                                                     0 bytes
  Directory of D:\cvs\cmm\esmbrass\build\com\crown
 01/01/1601
01/01/1601
10/31/2003
                 12:00a
12:00a
                                  <DTR>
                                  <DIR>
                 04:01p
                                  <DIR>
                                                      nes
                     0 File(s)
                                                     0 bytes
  Directory of D:\cvs\cmm\esmbrass\build\com\crown\nes
01/01/1601
01/01/1601
10/31/2003
10/31/2003
10/31/2003
10/31/2003
10/31/2003
                 12:00a
                                  <DIR>
                 12:00a
                                  <DIR>
                 04:01p
                                  <DIR>
                                                       common
                 04:01p
                                  <DIR>
                                                      parser
                 04:01p
                                  <DIR>
                                                       pricing
                 04:01p
                                  <DIR>
                                                       rules
                 04:01p
                                  <DIR>
                                                      util
                     0 File(s)
                                                     0 bytes
  Directory of D:\cvs\cmm\esmbrass\build\com\crown\nes\common
 01/01/1601
                 12:00a
                                  <DIR>
 01/01/1601
                 12:00a
                                  <DIR>
 10/24/2003
                 02:09p
                                               1,102 Constants.class,v
                                                1,102 bytes
                     1 File(s)
  Directory of D:\cvs\cmm\esmbrass\build\com\crown\nes\parser
 01/01/1601
                 12:00a
                                  <DIR>
 01/01/1601
10/24/2003
                 12:00a
                                  <DIR>
                                                 591 IRuleEventReceiver.class,v
                 02:09p
10/24/2003
10/24/2003
10/24/2003
                 02:09p
                                                 987 RuleEventObject.class,v
                                              7,276 RuleParser.class,v
2,567 RuleParserConstants.class,v
                 02:09p
                 02:09p
 10/24/2003
                                              4,993 RuleProcessInfo.class.v
                 02:09p
                     5 File(s)
                                              16,414 bytes
  Directory of D:\cvs\cmm\esmbrass\build\com\crown\nes\pricing
01/01/1601
01/01/1601
10/24/2003
10/24/2003
10/24/2003
10/24/2003
10/24/2003
10/24/2003
10/24/2003
10/24/2003
10/24/2003
10/24/2003
10/24/2003
10/24/2003
10/24/2003
10/24/2003
10/24/2003
10/24/2003
10/24/2003
                 12:00a
                                  <DIR>
                12:00a
                                  <DIR>
                 02:09p
                                              2,420 BBOPriceReq.class,v
                02:09p
02:09p
                                              1,717 BBOPriceResp$BBOData.class,v
                                              2,562 BBOPriceResp.class,v
1,328 PriceConstants.class,v
                02:09p
                02:09p
                                              1,634 PriceDataCache$TSBBOPriceData.class.v
                02:09p
                                              1,645 PriceDataCache$TSSwapPriceData.class,v
                02:09p
                                              4,111 PriceDataCache class, v
                02:09p
                                                 945 PriceException.class, v
                02:09p
                                              9,479 PriceManager.class,v
                                              9,463 PriceParser.class,v
963 PriceParserException.class,v
                02:09p
                02:09p
                02:09p
                                              6,544 PriceReader.class,v
                02:09p
02:09p
                                              1,118 PriceReq.class,v
                                              1,046 PriceResp.class,v
4,043 PriceSvrConnector.class,v
                02:09p
                                              3,408 SubsMgr.class,v
3,717 SwapPriceReq.class,v
1,568 SwapPriceResp$SwapData.class,v
                02:09p
10/24/2003
10/24/2003
                02:09p
                02:09p
10/24/2003
                                              2,118 SwapPriceResp.class,v
                02:09p
                                                      Page 8
```

dir.txt

19 File(s) 59.829 bytes Directory of D:\cvs\cmm\esmbrass\build\com\crown\nes\rules 01/01/1601 01/01/1601 10/24/2003 10/24/2003 12:00a <DIR> 12:00a 02:09p <DIR> 1,974 CustBranch.class,v 584 IRule.class,v 665 IRuleEvalObj.class,v 10/24/2003 10/24/2003 10/24/2003 10/24/2003 10/24/2003 10/24/2003 10/24/2003 10/24/2003 10/24/2003 10/24/2003 10/24/2003 10/24/2003 10/24/2003 10/24/2003 10/24/2003 02:09p 02:09p 02:09p 02:09p 866 IRulekey.class,v 16,306 NESRule.class,v 5,940 NESRuleTreeKey.class,v 02:09p 2,138 PXLVIAllocation.class,v 02:09p 2,067 RefDataCache.class,v 4,961 RoundingRule.class,v 02:09p 02:09p 02:09p 5,901 RoundingRuleData.class,v 6,288 RoundingRulesCache.class,v 5,316 RoundingRuleTreeKey.class,v 1,733 RoundRuleEvalObj.class,v 02:09p 02:09p 02:09p 1,755 RoundRuleEvalobj.Class,V 1,967 RuleBearer.class,V 2,657 RuleConstants.class,V 1,503 RulesCache\$RulesComparator.class,V 02:09p 02:09p 02:09p 02:09p 7,963 RulesCache.class.v 17 File(s) 68,829 bytes Directory of D:\cvs\cmm\esmbrass\build\com\crown\nes\util 01/01/1601 01/01/1601 10/31/2003 12:00a <DIR> 12:00a <DIR> 04:01p <DIR> db 02:09p 2,474 NESUtil.class,v 2,474 bytes 10/24/2003 1 File(s) Directory of D:\cvs\cmm\esmbrass\build\com\crown\nes\util\db <DIR> 01/01/1601 12:00a 01/01/1601 01/01/1601 10/24/2003 10/24/2003 10/24/2003 12:00a <DIR> 4,733 ConnectionMgr.class,v 4,010 DBConfiguration.class,v 2,999 DBUtil.class,v 02:09p 02:09p 02:09p 02:09p 645 IResultSetProcessor.class,v 10/24/2003 10/24/2003 10/24/2003 02:09p 02:09p 620 IUpdateProcessor.class,v 1,141 NullSQLType.class.v 2,925 SQLExecuter.class,v 17,073 bytes 02:09p 7 File(s) Directory of D:\cvs\cmm\esmbrass\build\com\esmbrass 01/01/1601 01/01/1601 10/31/2003 10/31/2003 10/31/2003 10/31/2003 10/24/2003 10/24/2003 12:00a <DIR> 12:00a <DIR> 04:01p <DIR> component 04:01p <DIR> constants 04:01p <DIR> message 04:01p <DIR> test 6,542 BrassAssembler.class.v 02:09p 11,137 BrassServer.class,v 23,641 BrassSession.class,v 41,320 bytes 02:09p 10/24/2003 02:09p 3 File(s) Directory of D:\cvs\cmm\esmbrass\build\com\esmbrass\component 01/01/1601 01/01/1601 12:00a <DIR> 12:00a <DIR> Page 9

```
dir.txt
  10/24/2003
                                 02:09p
                                                                                         5,723 Book.class,v
  10/24/2003
10/24/2003
                                                                                     2,239 BookRecord.class,v
78,244 BrassComponent.class,v
14,935 ComponentHelper.class,v
10,204 DataProcessor.class,v
                                 02:09p
                                 02:09p
 10/24/2003
10/24/2003
10/24/2003
10/24/2003
10/24/2003
                                 02:09p
                                 02:09p
                                                                                     2,442 NESParser.class,v
20,563 NESRuleProcessor.class,v
8,613 NESSession.class,v
                                 02:09p
                                 02:09p
                                 02:09p
 10/24/2003
10/24/2003
10/24/2003
                                 02:09p
02:09p
                                                                                        6,782 OrderRule.class,v
                                                                                     21,484 RoundingRuleProcessor.class,v
4,056 RuleSvrThread$ClientHandler.class,v
                                 02:09p
 10/24/2003
10/24/2003
10/24/2003
10/24/2003
                                 02:09p
                                                                                        2,763 RuleSvrThread.class,v
                                 02:09p
                                                                                         3,471 SecurityMapper.class,y
                                 02:09p
                                                                                     36,164 SessionReaderThread.class,v
                                                                                        1,271 TopOfBook.class,v
                                 02:09p
                                       15 File(s)
                                                                                     218,954 bytes
    Directory of D:\cvs\cmm\esmbrass\build\com\esmbrass\constants
 01/01/1601
                                 12:00a
                                                                <DIR>
 01/01/1601
10/24/2003
                                 12:00a
                                                                 <DIR>
                                 02:09p
                                                                                     24,297 BrassMessageConstants.class,v
 10/24/2003
                                 02:09p
                                                                                        2,072 ESMConstants.class,v
                                         2 File(s)
                                                                                        26,369 bytes
   Directory of D:\cvs\cmm\esmbrass\build\com\esmbrass\message
 01/01/1601
                                12:00a
                                                                <DIR>
01/01/1601
10/24/2003
10/24/2003
10/24/2003
10/24/2003
                                12:00a
                                                                <DIR>
                                02:09p
02:09p
                                                                                        1,463 AlertMessage.class,v
                                                                                        1,292 BookMessage.class,v
4,404 BrassMessage.class,v
                                02:09p
                                02:09p
                                                                                        1,270
10/24/2003 02:09p 1,270
BrassMessageHashMap$BrassMessageHashMapEntry.class,v
10/24/2003 02:09p 2,511 BrassMessageHashMapEntry.class,v
10/24/2003 02:09p 1,523 GeneralMessageHashMapEntry.class,v
10/24/2003 02:09p 1,523 GeneralMessageHashMapEntry.class,v
10/24/2003 02:09p 1,523 GeneralMessageHashMapEntry.class,v
10/24/2003 02:09p 2,473 OrderMessageHashMapEntry.class,v
10/24/2003 02:09p 2,473 OrderMessageHashMapEntry.class,v
10/24/2003 02:09p 2,473 OrderMessageHashMapEntry.class,v
10/24/2003 02:09p 2,473 OrderMessageHashMapEntry.class,v
10/24/2003 02:09p 1,523 GeneralMessageHashMapEntry.class,v
10/24/2003 02:09p 1,523 GeneralM
                                                                                       2,511 BrassMessageHashMap.class,v
1,523 GeneralMessage.class,v
                                                                                        5,473 OrderMessage class v
                                                                                       2,249 PLTranMessage.class,v
2,745 QuoteMessage.class,v
                                                                                       1,911 RegisterMessage.class,v
                                                                                       1,265 ReplyMessage.class,v
                                                                                       3,811 SecmstMessage.class,v
                                                                                       2,331 SignonMessage.class,v
10/24/2003
                               02:09p
                                                                                       5,800 TradeMessage.class,v
                                                                                       38,048 bytes
                                      14 File(s)
  Directory of D:\cvs\cmm\esmbrass\build\com\esmbrass\test
01/01/1601
                               12:00a
                                                               <DIR>
01/01/1601
                               12:00a
                                                               <DIR>
10/24/2003
                               02:09p
                                                                                       9,677 BrassTest.class,v
                                        1 File(s)
                                                                                         9,677 bytes
  Directory of D:\cvs\cmm\esmbrass\build\com\ksil
01/01/1601
                               12:00a
                                                               <DIR>
01/01/1601
                               12:00a
                                                               <DIR>
10/31/2003
                               04:01p
                                                               <DIR>
                                                                                                      esmbrass
                                       0 File(s)
                                                                                                   0 bytes
  Directory of D:\cvs\cmm\esmbrass\build\com\ksil\esmbrass
01/01/1601 12:00a
                                                               <DTR>
                                                                                                     Page 10
```

```
dir.txt
 01/01/1601
10/31/2003
10/31/2003
                 12:00a
                                  <DIR>
                 04:01p
                                  <DIR>
                                                      component
                 04:01p
                                  <DIR>
                                                      constants
 10/31/2003
                 04:01p
                                  <DIR>
                                                      message
 10/31/2003
10/24/2003
10/24/2003
                 04:01p
                                  <DIR>
                                                       test
                 02:09p
                                             6,717 BrassAssembler.class,v
11,352 BrassServer.class,v
                 02:09p
 10/24/2003
                 02:09p
                                             12,051 BrassSession.class,v
                      3 File(s)
                                              30,120 bytes
  Directory of D:\cvs\cmm\esmbrass\build\com\ksil\esmbrass\component
 01/01/1601
                 12:00a
                                  <DIR>
01/01/1601
01/01/1601
10/24/2003
10/24/2003
10/24/2003
10/24/2003
10/24/2003
                 12:00a
                                  <DIR>
                 02:09p
                                             31,626 BrassComponent.class,v
                                            14,713 ComponentHelper.class,v
10,299 DataProcessor.class,v
3,536 SecurityMapper.class,v
                 02:09p
                 02:09p
                 02:09p
                 02:09p
                                            13,098 SessionReaderThread.class,v
1,281 TopOfBook.class,v
74,553 bytes
                 02:09p
                     6 File(s)
  Directory of D:\cvs\cmm\esmbrass\build\com\ksil\esmbrass\constants
 01/01/1601
                 12:00a
                                  <DIR>
01/01/1601
10/24/2003
                 12:00a
                                  <DTR>
                                            24,302 BrassMessageConstants.class,v 2,041 ESMConstants.class,v
                 02:09p
 10/24/2003
                 02:09p
                     2 File(s)
                                              26,343 bytes
 Directory of D:\cvs\cmm\esmbrass\build\com\ksil\esmbrass\message
01/01/1601
                 12:00a
                                  <DIR>
 01/01/1601
                 12:00a
                                  <DIR>
                 02:09p
10/24/2003
                                              1,478 AlertMessage.class,v
10/24/2003 02:09p 1,307 BookMessage.class,v
10/24/2003 02:09p 4,504 BrassMessage.class,v
10/24/2003 02:09p 1,300
BrassMessageHashMap$BrassMessageHashMapEntry.class,v
10/24/2003
BrassMessa
10/24/2003
10/24/2003
10/24/2003
10/24/2003
10/24/2003
10/24/2003
10/24/2003
                 02:09p
                                              2,546 BrassMessageHashMap.class.v
                 02:09p
                                              1,538 GeneralMessage.class,v
                02:09p
                                              5,488 OrderMessage.class,v
                02:09p
                                              2,264 PLTranMessage.class.v
                02:09p
                                              2,760 QuoteMessage.class,v
                02:09p
                                              1,926 RegisterMessage.class,v
                02:09p
                                              1,280 ReplyMessage.class,v
                02:09p
                                              3,826 SecmstMessage.class,v
                02:09p
02:09p
10/24/2003
                                              2,346 SignonMessage.class,v
10/24/2003
                                              6,045 TradeMessage.class,v
                                             38,608 bytes
                   14 File(s)
 Directory of D:\cvs\cmm\esmbrass\build\com\ksil\esmbrass\test
01/01/1601
01/01/1601
10/24/2003
                12:00a
                                 <DIR>
                12:00a
                                 <DTR>
                                             9,772 BrassTest.class,v
9,772 bytes
                02:09p
                     1 \text{ File(s)}
 Directory of D:\cvs\cmm\esmbrass\build\src
01/01/1601
01/01/1601
                12:00a
                                 <DIR>
                12:00a
                                 <DIR>
10/31/2003
                04:01p
                                 <DIR>
                                                     esmbrass
                                                     Page 11
```

```
dir.txt
                  0 File(s)
                                            0 bytes
  Directory of D:\cvs\cmm\esmbrass\build\src\esmbrass
 01/01/1601
              12:00a
                            <DIR>
01/01/1601
10/31/2003
              12:00a
                            <DIR>
              04:01p
                            <DTR>
                                             src
                 0 File(s)
                                            0 bytes
 Directory of D:\cvs\cmm\esmbrass\build\src\esmbrass\src
01/01/1601
              12:00a
                            <DIR>
01/01/1601
01/01/1601
10/31/2003
              12:00a
                            <DIR>
              04:01p
                            <DIR>
                                             com
                 0 File(s)
                                           0 bytes
 Directory of D:\cvs\cmm\esmbrass\build\src\esmbrass\src\com
01/01/1601
              12:00a
                            <DIR>
01/01/1601
10/31/2003
              12:00a
                            <DIR>
              04:01p
                            <DIR>
                                             esmbrass
10/31/2003
              04:01p
                            <DIR>
                                             ksil
                 0 File(s)
                                           0 bytes
 Directory of D:\cvs\cmm\esmbrass\build\src\esmbrass\src\com\esmbrass
01/01/1601
              12:00a
                            <DIR>
01/01/1601
              12:00a
                            <DIR>
10/31/2003
             04:01p
                            <DIR>
                                            constants
                 0 File(s)
                                           0 bytes
 Directory of D:\cvs\cmm\esmbrass\build\src\esmbrass\src\com\esmbrass\constants
01/01/1601
             12:00a
                           <DIR>
01/01/1601
10/24/2003
             12:00a
                           <DIR>
                                     32,939 BrassFields.class,v 32,939 bytes
             02:09p
                 1 File(s)
 Directory of D:\cvs\cmm\esmbrass\build\src\esmbrass\src\com\ksil
01/01/1601
01/01/1601
10/31/2003
             12:00a
                           <DIR>
             12:00a
                           <DIR>
             04:01p
                           <DIR>
                                            esmbrass
                 0 File(s)
                                           0 bytes
 Directory of D:\cvs\cmm\esmbrass\build\src\esmbrass\src\com\ksil\esmbrass
             12:00a
12:00a
01/01/1601
                           <DTR>
01/01/1601
                           <DIR>
10/31/2003
             04:01p
                           <DTR>
                                            constants
                 0 File(s)
                                           0 bytes
 Directory of D:\cvs\cmm\esmbrass\build\src\esmbrass\src\com\ksil\esmbrass\constants
01/01/1601
01/01/1601
             12:00a
                           <DIR>
             12:00a
                           <DIR>
10/24/2003
             02:09p
                                    32,949 BrassFields.class,v
                 1 File(s)
                                     32,949 bytes
Directory of D:\cvs\cmm\esmbrass\src
01/01/1601
             12:00a
                           <DIR>
01/01/1601
             12:00a
                           <DIR>
                                           Page 12
```

dir.txt

```
10/31/2003 04:01p
                                <DIR>
                                                    com
                     0 File(s)
                                                   0 bytes
  Directory of D:\cvs\cmm\esmbrass\src\com
 01/01/1601
01/01/1601
10/31/2003
                 12:00a
                                <DIR>
                 12:00a
                                <DIR>
                 04:01p
                                <DIR>
                                                    crown
                 04:01p
 10/31/2003
                                <DIR>
                                                    esmbrass
                     0 File(s)
                                                   0 bytes
  Directory of D:\cvs\cmm\esmbrass\src\com\crown
 01/01/1601
                 12:00a
                                <DIR>
 01/01/1601
                 12:00a
                                <DIR>
 10/31/2003
                 04:01p
                                <DIR>
                                                    nes
                     0 File(s)
                                                   0 bytes
  Directory of D:\cvs\cmm\esmbrass\src\com\crown\nes
 01/01/1601
                 12:00a
                                <DIR>
                 12:00a
 01/01/1601
                                <DIR>
10/31/2003
10/31/2003
10/31/2003
10/31/2003
10/31/2003
                04:01p
                                <DIR>
                                                    common
                04:01p
                                <DIR>
                                                    parser
                04:01p
                                <DIR>
                                                    pricing
                04:01p
                                                    rules
                                <DIR>
                04:01p
                                <DIR>
                                                    util
                    0 File(s)
                                                  0 bytes
  Directory of D:\cvs\cmm\esmbrass\src\com\crown\nes\common
01/01/1601
                12:00a
                                <DIR>
                12:00a
01/01/1601
                                <DIR>
10/24/2003
                02:09p
                                              974 Constants.java.v
                                               974 bytes
                    1 File(s)
  Directory of D:\cvs\cmm\esmbrass\src\com\crown\nes\parser
01/01/1601
                12:00a
                                <DIR>
01/01/1601
                12:00a
                                <DIR>
10/24/2003
10/24/2003
10/24/2003
10/24/2003
                02:09p
                                              664 IRuleEventReceiver.java,v
                                              878 RuleEventObject.java,v
                02:09b
                02:09p
                                            8,054 RuleParser.java,v
                02:09p
                                            2,024 RuleParserConstants.java,v
10/24/2003
                02:09p
                                            4,770 RuleProcessInfo.java,v
                    5 File(s)
                                            16.390 bytes
 Directory of D:\cvs\cmm\esmbrass\src\com\crown\nes\pricing
01/01/1601
                12:00a
01/01/1601
01/01/1601
10/24/2003
10/24/2003
10/24/2003
10/24/2003
10/24/2003
10/24/2003
10/24/2003
10/24/2003
10/24/2003
10/24/2003
10/24/2003
10/24/2003
                                <DIR>
                12:00a
                               <DIR>
                                           2,590 BBOPriceReq.java,v
                02:09p
                                           3,296 BBOPriceResp.java,v
1,324 PriceConstants.java,v
5,256 PriceDataCache.java,v
                02:09p
                02:09p
                02:09p
                02:09p
                                              698 PriceException.java,v
                                          15,892 PriceManager.java,v
16,636 PriceParser.java,v
716 PriceParserException.java,v
                02:09p
               02:09p
                02:09p
               02:09p
02:09p
                                          16,008 PriceReader.java,v
                                              924 PriceReq.java,v
                02:09b
                                              813 PriceResp.java,v
10/24/2003
                                           4,915 PriceSvrConnector.java,v
               02:09p
                                                  Page 13
```

```
dir.txt
                                                     2,730 SubsMgr.java,v
4,853 SwapPriceReq.java,v
 10/24/2003
                    02:09p
 10/24/2003
                    02:09p
 10/24/2003
                    02:09p
                                                     2,408 SwapPriceResp.java,v
                       15 File(s)
                                                     79,059 bytes
  Directory of D:\cvs\cmm\esmbrass\src\com\crown\nes\rules
01/01/1601
01/01/1601
10/24/2003
10/24/2003
10/24/2003
10/24/2003
10/24/2003
10/24/2003
10/24/2003
10/24/2003
10/24/2003
10/24/2003
10/24/2003
10/24/2003
10/24/2003
10/24/2003
10/24/2003
01/01/1601
                    12:00a
                                       <DIR>
                    12:00a
                                       <DIR>
                                                   14,398 AutoFillPrice.jsp,v
1,703 CustBranch.java,v
                    02:09p
                    02:09p
                    02:09p
02:09p
                                                        661 IRule.java,v
                                                        764 IRuleEvalobj.java,v
                                                   920 IRuleKey.java,v
11,926 NESRule.java,v
8,447 NESRuleTreeKey.java,v
                    02:09p
02:09p
                    02:09p
                    02:09p
                                                     1,736 PXLVlAllocation.javá,v
                                                     2,040 RefDataCache.java,v
5,172 RoundingRule.java,v
                    02:09p
                    02:09p
                    02:09p
                                                   13,043 RoundingRuleData.java,v
                                                     4,615 RoundingRulesCache.java,v
8,349 RoundingRuleTreeKey.java,v
                    02:09p
                    02:09p
                    02:09p
                                                     1,342 RoundRuleEvalobj.java,v
10/24/2003
10/24/2003
10/24/2003
                                                     1,696 RuleBearer.java,v
                    02:09p
                                                   2,225 RuleConstants.java,v
10,366 RulesCache.java,v
                    02:09p
                   02:09p
                       17 File(s)
                                                     89,403 bytes
  Directory of D:\cvs\cmm\esmbrass\src\com\crown\nes\util
01/01/1601
                    12:00a
                                       <DIR>
01/01/1601
10/31/2003
                    12:00a
                                       <DIR>
                   04:01p
                                                              db
                                       <DIR>
                                                     2,658 NESUtil.java,v
2,658 bytes
10/24/2003
                    02:09p
                        1 File(s)
 Directory of D:\cvs\cmm\esmbrass\src\com\crown\nes\util\db
01/01/1601
01/01/1601
10/24/2003
10/24/2003
10/24/2003
10/24/2003
10/24/2003
10/24/2003
10/24/2003
                   12:00a
12:00a
                                       <DIR>
                                       <DIR>
                   02:09p
                                                     5,255 ConnectionMgr.java,v
                                                     3,195 DBConfiguration.java,v
3,162 DBUtil.java,v
625 IResultSetProcessor.java,v
                   02:09p
02:09p
                   02:09p
                   02:09p
                                                        620 IUpdateProcessor.java,v
                                                     745 NullsQLType.java,v
2,923 SQLExecuter.java,v
                   02:09p
                   02:09p
                                                     16.525 bytes
                        7 File(s)
 Directory of D:\cvs\cmm\esmbrass\src\com\esmbrass
01/01/1601
01/01/1601
11/03/2003
10/31/2003
10/31/2003
10/24/2003
10/24/2003
10/24/2003
10/24/2003
10/24/2003
09/19/2003
01/01/1601
                   12:00a
                                      <DIR>
                   12:00a
                                      <DIR>
                   02:02p
                                      <DIR>
                                                              component
                   04:01p
                                      <DIR>
                                                              constants
                   04:01p
                                      <DIR>
                                                              message
                   04:01p
                                      <DIR>
                                                              test
                   02:09p
                                                        599 .nbattrs,v
                   02:09p
                                                   18,051 BrassAssembler.java,v
                                                   31,421 BrassServer.java,v
37,155 BrassSession.java,v
37,031 BrassSession.latest,v
                   02:09p
                   02:09p
02:09p
09/19/2003
                   11:11a
                                                   41,165 BrassSession.my,v
                                                             Page 14
```

```
dir.txt
37,029 BrassSession.prod,v
 10/24/2003 02:09p
                           7 File(s)
                                                       202,451 bytes
   Directory of D:\cvs\cmm\esmbrass\src\com\esmbrass\component
 01/01/1601
01/01/1601
09/19/2003
10/24/2003
09/19/2003
10/24/2003
09/19/2003
                     12:00a
12:00a
                                          <DIR>
                                          <DIR>
                     11:11a
                                                       16,793 .BrassComponent.java.swp,v
                     02:09p
                                                            781 .nbattrs,v
                     11:11a
                                                       16,796 .SessionReaderThread.java.swp,v
                     02:09p
                                                        5,837 Book.java,v
4,841 Book.tmp,v
09/19/2003
10/24/2003
09/19/2003
10/24/2003
10/24/2003
10/24/2003
10/24/2003
10/24/2003
10/24/2003
10/24/2003
10/24/2003
10/24/2003
10/24/2003
10/24/2003
10/24/2003
10/24/2003
10/24/2003
10/24/2003
10/24/2003
10/24/2003
10/24/2003
10/24/2003
                     11:11a
                     02:09p
                                                        1,817
                                                                  BookRecord.java,v
                                                     1,823 BookRecord.tmp,v
100,609 BrassComponent.java,v
97,950 BrassComponent.latest,v
                     11:11a
                     02:09p
                     02:09p
                                                      97,838 BrassComponent.prod,v
35,932 ComponentHelper.java,v
24,375 DataProcessor.java,v
                     02:09p
02:09p
                     02:09b
                     02:09p
                                                        2,692 NESParser.java,v
                     02:09p
02:09p
                                                      24,481 NESRuleProcessor.java,v
17,724 NESRuleProcessor.java.org,v
                                                      7,996 NESSession.java,v
2,933 OrderRule.java,v
26,873 RoundingRuleProcessor.java,v
                     02:09p
                     02:09p
02:09p
                                                       26,605 RoundingRuleProcessor.java.org,v
                     02:09p
                     02:09p
                                                        5,287 RuleSyrThread.java,v
                                                      7,404 SecurityMapper.java,v
47,517 SessionReaderThread.java,v
                     02:09p
                     02:09p
                     02:09p
                                                      44,078 SessionReaderThread.prod,v
                                                      1,375 TopOfBook.java,v
620,357 bytes
 10/24/2003
                     02:09p
                        24 File(s)
  Directory of D:\cvs\cmm\esmbrass\src\com\esmbrass\constants
 01/01/1601
                     12:00a
                                         <DIR>
 01/01/1601
                     12:00a
                                         <DIR>
 10/24/2003
10/24/2003
                     02:09p
                                                      44,148 BrassFields.java.v
                     02:09p
                                                      32,675 BrassMessageConstants.java,v
2,517 ESMConstants.java,v
                    02:09p
 10/24/2003
                          3 File(s)
                                                        79,340 bytes
  Directory of D:\cvs\cmm\esmbrass\src\com\esmbrass\message
01/01/1601
01/01/1601
10/24/2003
10/24/2003
10/24/2003
10/24/2003
10/24/2003
10/24/2003
10/24/2003
10/24/2003
10/24/2003
10/24/2003
10/24/2003
10/24/2003
10/24/2003
10/24/2003
                    12:00a
                                         <DIR>
                    12:00a
                                         <DIR>
                    02:09p
                                                        2,791 AlertMessage.java,v
                    02:09p
                                                        2,460 BookMessage.java,v
                    02:09p
02:09p
                                                       9,198 BrassMessage.java,v
5,504 BrassMessageHashMap.java,v
2,827 GeneralMessage.java,v
                    02:09p
02:09p
                                                      14,830 OrderMessage.java,v
                                                       5,882 PLTranMessage.java,v
7,057 QuoteMessage.java,v
4,010 RegisterMessage.java,v
                    02:09p
02:09p
                    02:09p
                    02:09p
                                                        1,742 ReplyMessage.java,v
                    02:09p
                                                      12,663 SecmstMessage.javá,v
                    02:09p
                                                       4,695 SignonMessage.java,v
10/24/2003
                                                      18,213 TradeMessage.java,v
                    02:09p
                        13 File(s)
                                                       91,872 bytes
```

Directory of D:\cvs\cmm\esmbrass\src\com\esmbrass\test

```
dir.txt
 01/01/1601
               12:00a
                              <DTR>
 01/01/1601
10/24/2003
               12:00a
                              <DIR>
               02:09p
                                           599 .nbattrs,v
               02:09p
 10/24/2003
                                        41,768 BrassTest.java,v
                   2 File(s)
                                         42,367 bytes
  Directory of D:\cvs\cmm\esmconvert
 01/01/1601
               12:00a
                              <DIR>
 01/01/1601
               12:00a
                              <DIR>
 10/31/2003
10/31/2003
09/08/2003
               04:01p
                              <DIR>
                                                build
               04:01p
                              <DIR>
                                                src
               06:30a
                                        2,751 build.xml,v
2,751 bytes
                   1 File(s)
  Directory of D:\cvs\cmm\esmconvert\build
 01/01/1601
01/01/1601
10/31/2003
               12:00a
12:00a
                              <DIR>
                              <DIR>
               04:01p
                              <DIR>
                                               com
                   0 File(s)
                                              0 bytes
  Directory of D:\cvs\cmm\esmconvert\build\com
 01/01/1601
01/01/1601
               12:00a
                              <DIR>
               12:00a
                              <DIR>
 10/31/2003
               04:01p
                                               ksi1
                             <DIR>
                  0 File(s)
                                              0 bytes
  Directory of D:\cvs\cmm\esmconvert\build\com\ksil
01/01/1601
01/01/1601
               12:00a
                             <DIR>
               12:00a
                             <DIR>
10/31/2003
               04:01p
                             <DIR>
                                               esmconvert
                  0 File(s)
                                              0 bytes
 Directory of D:\cvs\cmm\esmconvert\build\com\ksil\esmconvert
01/01/1601
               12:00a
                             <DIR>
01/01/1601
09/08/2003
               12:00a
                             <DIR>
                                        6,450 BrassConverter.class,v
7,658 FixConverter.class,v
14,108 bytes
              06:30a
09/08/2003
              06:30a
                  2 File(s)
 Directory of D:\cvs\cmm\esmconvert\src
01/01/1601
              12:00a
                             <DIR>
01/01/1601
              12:00a
                             <DIR>
              04:01p
10/31/2003
                             <DIR>
                                               com
                  0 File(s)
                                              0 bytes
 Directory of D:\cvs\cmm\esmconvert\src\com
01/01/1601
01/01/1601
              12:00a
                             <DIR>
              12:00a
                             <DIR>
10/31/2003
              04:01p
                             <DIR>
                                               esmconvert
                  0 File(s)
                                             0 bytes
 Directory of D:\cvs\cmm\esmconvert\src\com\esmconvert
01/01/1601
01/01/1601
              12:00a
                             <DIR>
              12:00a
                             <DIR>
09/08/2003
              06:30a
                                       9,140 BrassConverter.java,v
                                              Page 16
```

```
dir.txt
09/08/2003 06:30a
                                        11,726 FixConverter.java,v
                   2 File(s)
                                         20,866 bytes
 Directory of D:\cvs\cmm\esmcore
               12:00a
01/01/1601
                              <DIR>
01/01/1601
10/31/2003
               12:00a
                              <DIR>
               04:01p
                              <DIR>
                                                 build
10/31/2003
10/24/2003
10/24/2003
               04:01p
                              <DIR>
                                                 src
                                            599 nbattrs,v
               02:09p
               02:09p
                                            496 build.bat,v
10/24/2003
10/24/2003
10/24/2003
               02:09p
                                            503 build.sh,v
               02:09p
                                         1,734 build.xml,v
               02:09p
                                            506 doc.bat,v
                   5 File(s)
                                           3,838 bytes
 Directory of D:\cvs\cmm\esmcore\build
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01/01/1601
                              <DTR>
01/01/1601
               12:00a
                              <DIR>
10/31/2003
               04:01p
                              <DIR>
                                                 com
                   0 File(s)
                                                0 bytes
 Directory of D:\cvs\cmm\esmcore\build\com
01/01/1601
01/01/1601
10/31/2003
               12:00a
                              <DIR>
               12:00a
                              <DIR>
               04:01p
                              <DTR>
                                                 esmcore
10/31/2003
               04:01p
                              <DIR>
                                                 ksil
                   0 File(s)
                                                0 bytes
 Directory of D:\cvs\cmm\esmcore\build\com\esmcore
01/01/1601
01/01/1601
10/31/2003
               12:00a
                              <DIR>
               12:00a
                              <DIR>
               04:01p
                              <DIR>
                                                 constants
10/31/2003
10/31/2003
10/31/2003
               04:01p
                              <DIR>
                                                 message
               04:01p
                              <DIR>
                                                 pubsub
               04:01p
                              <DIR>
                                                 test
                   0 File(s)
                                                0 bytes
 Directory of D:\cvs\cmm\esmcore\build\com\esmcore\constants
01/01/1601
01/01/1601
10/24/2003
               12:00a
                              <DIR>
               12:00a
                              <DIR>
                                         3,429 ESMCoreNames.class,v
5,259 ESMCoreValues.class,v
8,688 bytes
               02:09p
10/24/2003
               02:09p
                   2 File(s)
 Directory of D:\cvs\cmm\esmcore\build\com\esmcore\message
01/01/1601
               12:00a
                              <DIR>
01/01/1601
10/24/2003
               12:00a
                              <DIR>
                                         3,526 ESMCoreMessage.class,v
2,611 ESMCoreMessageAttribute.class,v
6,137 bytes
               02:09p
10/24/2003
               02:09p
                   2 File(s)
 Directory of D:\cvs\cmm\esmcore\build\com\esmcore\pubsub
01/01/1601
               12:00a
                              <DIR>
01/01/1601
10/31/2003
               12:00a
                              <DIR>
                                                 util
               04:01p
                              <DIR>
10/24/2003
               02:09p
                                         1,229 ESMCoreComponentImpl.class,v
                                                Page 17
```

```
dir.txt
               02:09p
10/24/2003
                                        2,650 ESMCoreComponentProxy.class,v
10/24/2003
10/24/2003
                                        1,153 ESMCoreListenerImpl.class,v
               02:09p
               02:09p
                                          583 ESMCorePersistentComponentImpl$1.class.v
10/24/2003
               02:09p
                                        2,837
ESMCorePersistentComponentImpl$QueueReadingThread.class,v
10/24/2003
10/24/2003
10/24/2003
10/24/2003
10/24/2003
                                        2,628 ESMCorePersistentComponentImpl.class.v
               02:09p
               02:09p
02:09p
                                        2,079 ESMCorePublisherImpl.class,v
                                          566 IESMCoreComponent.class,v
681 IESMCoreListener.class,v
               02:09p
               02:09p
                                          646 IESMCorePersistentComponent.class,v
10/24/2003
               02:09p
                                          747 IESMCorePublisher.class.v
                 11 \text{ File(s)}
                                        15,799 bytes
 Directory of D:\cvs\cmm\esmcore\build\com\esmcore\pubsub\util
01/01/1601
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                             <DIR>
01/01/1601
10/24/2003
               12:00a
                             <DIR>
                                        1,879 ESMCoreRecordComponent.class,v
2,038 ESMCoreReplayComponent.class,v
3,917 bytes
               02:09p
10/24/2003
               02:09p
                  2 File(s)
 Directory of D:\cvs\cmm\esmcore\build\com\esmcore\test
01/01/1601
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01/01/1601
10/24/2003
               12:00a
02:09p
                             <DIR>
                                        1,596 ESMCoreMessageBenchmark.class.v
10/24/2003
                                        2,236 ESMCoreMessagePersistenceBenchmark.class.v
               02:09p
10/24/2003
               02:09p
                                        1,010 ESMCoreRecordReplayTest.class,v
                  3 File(s)
                                         4,842 bytes
 Directory of D:\cvs\cmm\esmcore\build\com\ksil
01/01/1601
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                             <DIR>
01/01/1601
               12:00a
                             <DIR>
10/31/2003
               04:01p
                             <DIR>
                                               esmcore
                  0 File(s)
                                              0 bytes
 Directory of D:\cvs\cmm\esmcore\build\com\ksil\esmcore
01/01/1601
01/01/1601
10/31/2003
               12:00a
                             <DIR>
               12:00a
                             <DIR>
               04:01p
                             <DIR>
                                               constants
10/31/2003
10/31/2003
               04:01p
                                               message
                             <DIR>
               04:01p
                             <DIR>
                                               pubsub
10/31/2003
               04:01p
                             <DIR>
                                               test
                  0 File(s)
                                              0 bytes
 Directory of D:\cvs\cmm\esmcore\build\com\ksil\esmcore\constants
01/01/1601
01/01/1601
10/24/2003
              12:00a
                             <DIR>
              12:00a
                             <DIR>
              02:09p
                                        3,128 ESMCoreNames.class,v
10/24/2003
                                        5,162 ESMCoreValues.class,v
              02:09p
                  2 File(s)
                                         8.290 bytes
 Directory of D:\cvs\cmm\esmcore\build\com\ksil\esmcore\message
01/01/1601
              12:00a
                             <DIR>
01/01/1601
10/24/2003
              12:00a
                             <DIR>
              02:09p
                                        3,606 ESMCoreMessage.class.v
                                        2,691 ESMCoreMessageAttribute.class,v
6,297 bytes
              02:09p
10/24/2003
                  2 File(s)
```

Page 18

```
dir.txt
  Directory of D:\cvs\cmm\esmcore\build\com\ksil\esmcore\pubsub
01/01/1601
01/01/1601
10/31/2003
10/24/2003
               12:00a
12:00a
                              <DIR>
                              <DIR>
               04:01p
                              <DIR>
                                                util
               02:09p
                                         1,264 ESMCoreComponentImpl.class.v
10/24/2003
10/24/2003
10/24/2003
10/24/2003
               02:09p
                                         2,717 ESMCoreComponentProxy_class,v
               02:09p
                                         1,174 ESMCoreListenerImpl.class,v
593 ESMCorePersistentComponentImpl$1.class,v
               02:09b
                                         2,924
               02:09p
ESMCorePersistentComponentImpl$QueueReadingThread.class,v
10/24/2003
10/24/2003
10/24/2003
10/24/2003
10/24/2003
               02:09p
                                         2,723 ESMCorePersistentComponentImpl.class,v
               02:09p
                                         2,118 ESMCorePublisherImpl.class,v
               02:09p
02:09p
                                           581 IESMCoreComponent.class,v
                                            696 IESMCoreListener.class,v
               02:09p
                                           661 IESMCorePersistentComponent.class,v
10/24/2003
               02:09p
                                           762 IESMCorePublisher.class,v
                  11 File(s)
                                         16,213 bytes
 Directory of D:\cvs\cmm\esmcore\build\com\ksil\esmcore\pubsub\util
01/01/1601
               12:00a
                              <DIR>
01/01/1601
10/24/2003
               12:00a
                              <DIR>
               02:09p
                                         1,906 ESMCoreRecordComponent.class,v
                                         2,058 ESMCoreReplayComponent.class,v 3,964 bytes
10/24/2003
               02:09p
                   2 File(s)
 Directory of D:\cvs\cmm\esmcore\build\com\ksil\esmcore\test
01/01/1601
01/01/1601
               12:00a
                              <DIR>
               12:00a
                              <DIR>
10/24/2003
10/24/2003
                                         1,606 ESMCoreMessageBenchmark.class,v
2,268 ESMCoreMessagePersistenceBenchmark.class,v
               02:09p
               02:09p
10/24/2003
               02:09p
                                         1,030 ESMCoreRecordReplayTest.class,v
                   3 File(s)
                                          4,904 bytes
 Directory of D:\cvs\cmm\esmcore\src
01/01/1601
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01/01/1601
               12:00a
                              <DIR>
10/31/2003
               04:01p
                              <DIR>
                                                COM
                   0 File(s)
                                               0 bytes
 Directory of D:\cvs\cmm\esmcore\src\com
01/01/1601
01/01/1601
               12:00a
                              <DIR>
               12:00a
                              <DIR>
10/31/2003
               04:01p
                              <DIR>
                                                esmcore
                  0 File(s)
                                               0 bytes
 Directory of D:\cvs\cmm\esmcore\src\com\esmcore
01/01/1601
01/01/1601
10/31/2003
              12:00a
                             <DIR>
               12:00a
                              <DIR>
              04:01p
                             <DIR>
                                                constants
10/31/2003
              04:01p
                              <DIR>
                                                message
10/31/2003
10/31/2003
              04:01p
                             <DTR>
                                                pubsub
              04:01p
                                                test
                              <DIR>
                  0 File(s)
                                              0 bytes
 Directory of D:\cvs\cmm\esmcore\src\com\esmcore\constants
01/01/1601 12:00a
                             <DIR>
                                               Page 19
```

```
dir.txt
01/01/1601
               12:00a
                              <DIR>
               02:09p
                                         3,974 ESMCoreNames.java,v
10/24/2003
10/24/2003
               02:09p
                                         6,884 ESMCoreValues.java,v
                   2 File(s)
                                         10,858 bytes
 Directory of D:\cvs\cmm\esmcore\src\com\esmcore\message
01/01/1601
               12:00a
                              <DIR>
01/01/1601
               12:00a
                              <DIR>
10/24/2003
10/24/2003
                                        16,794 .ESMCoreMessage.java.swp,v
8,949 ESMCoreMessage.java,v
               02:09p
               02:09p
10/24/2003
               02:09p
                                         6,522 ESMCoreMessageAttribute.java,v
                   3 File(s)
                                         32,265 bytes
 Directory of D:\cvs\cmm\esmcore\src\com\esmcore\pubsub
01/01/1601
01/01/1601
01/01/1601
10/31/2003
10/24/2003
10/24/2003
10/24/2003
10/24/2003
10/24/2003
               12:00a
                              <DIR>
               12:00a
                              <DIR>
                                                 util
               04:01p
                              <DIR>
               02:09p
                                        16,780 .ESMCorePublisherImpl.java.swp,v
               02:09p
                                                 .nbattrs,v
               02:09p
                                         2,375 ESMCoreComponentImpl.java,v
                                         4,904 ESMCoreComponentProxy.java,v
1,720 ESMCoreListenerImpl.java,v
6,253 ESMCorePersistentComponentImpl.java,v
               02:09p
               02:09p
               02:09p
10/24/2003
10/24/2003
10/24/2003
10/24/2003
                                         4,622 ESMCorePublisherImpl.java,v
               02:09p
               02:09p
                                            615 IESMCoreComponent.java,v
               02:09p
                                         1,438 IESMCoreListener.java,v
               02:09p
                                         1,014 IESMCorePersistentComponent.java,v
10/24/2003
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 Directory of D:\cvs\cmm\esmcore\src\com\esmcore\pubsub\util
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10/24/2003
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10/24/2003
                                         3,794 ESMCoreReplayComponent.java,v
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                                           6,778 bytes
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10/24/2003
10/24/2003
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              02:09p
                                         3,606 ESMCoreMessagePersistenceBenchmark.java,v
                                         1,206 ESMCoreRecordReplayTest.java,v
10/24/2003
              02:09p
                   3 File(s)
                                           7,047 bytes
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01/01/1601
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10/31/2003
10/24/2003
10/24/2003
10/24/2003
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               12:00a
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                              <DIR>
               04:01p
                              <DIR>
                                                 src
               02:09p
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                                            503 build.sh,v
               02:09p
                                         2,136 build.xml,v
              02:09p
10/24/2003
              02:09p
                                            506 doc.bat,v
                   4 File(s)
                                           3,614 bytes
 Directory of D:\cvs\cmm\esmfix\build
```

```
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 10/31/2003
                04:01p
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                                                  0 bytes
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 01/01/1601
                12:00a
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 10/31/2003
10/31/2003
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 10/31/2003
                04:01p
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                                                   ksil
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                                                  0 bytes
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01/01/1601
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 10/31/2003
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01/01/1601
10/31/2003
10/31/2003
10/31/2003
10/31/2003
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                04:01p
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                04:01p
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                04:01p
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                                                   util
                    0 File(s)
                                                  0 bytes
 Directory of D:\cvs\cmm\esmfix\build\com\crown\nes\common
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10/24/2003
                                           1,102 Constants.class,v
                                             1.102 bytes
                    1 File(s)
 Directory of D:\cvs\cmm\esmfix\build\com\crown\nes\parser
01/01/1601
01/01/1601
10/24/2003
10/24/2003
10/24/2003
10/24/2003
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               02:09p
02:09p
                                           3,450 RuleParser.člass,v
                                           1,371 RuleParserConstants.class,v
10/24/2003
               02:09p
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8,897 bytes
                    5 File(s)
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01/01/1601
10/24/2003
10/24/2003
10/24/2003
10/24/2003
10/24/2003
10/24/2003
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                                             584 IRule.class,v
665 IRuleEvalObj.class,v
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               02:09p
               02:09p
02:09p
                                             807 IRuleKey.class,v
                                           7,088 NESRule.class,v
5,640 NESRuleTreeKey.class,v
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               02:09p
                                           4,420 RoundingRule.class,v
10/24/2003
10/24/2003
10/24/2003
                                           4,428 RoundingRuleData.class,v
3,737 RoundingRulesCache.class,v
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               02:09p
                                           5,015 RoundingRuleTreeKey.class,v
               02:09p
10/24/2003
               02:09p
                                           1,967 RuleBearer.class.v
                                                  Page 21
```

```
dir.txt
                                              1,188 RuleConstants.class,v
10/24/2003
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10/24/2003
                02:09p
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44,865 bytes
10/24/2003
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10/24/2003
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10/24/2003
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                 02:09p
                                                 645 IResultSetProcessor.class,v
                 02:09p
                                                 620 IUpdateProcessor.class,v
                 02:09p
                                              1,141 NullSQLType.class,v
                 02:09p
                                              2,925 SQLExecuter.class,v
10/24/2003
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10/31/2003
10/31/2003
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                                                      constants
                 04:01p
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10/24/2003
10/24/2003
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                                            5,368 CustomMessageModifier.class,v
48,974 FIXComponent.class,v
10/24/2003
10/24/2003
10/24/2003
10/24/2003
10/24/2003
10/24/2003
10/24/2003
10/24/2003
10/24/2003
10/24/2003
10/24/2003
10/24/2003
10/24/2003
                 02:09p
                 02:09p
                                            48,393 FixMWAccApp.class,v
1,232 FixServerThread.class,v
                 02:09p
                 02:09p
                                            11,405 IDMapper.class,v
658 IMessageModifier.class,v
2,753 MessageValidator.class,v
                 02:09p
                 02:09p
                 02:09p
                 02:09p
                                              2,471 NESParser.class,v
                                             10,177 NESRuleProcessor.class,v
                 02:09p
                                              6,184 NESSession.class,v
3,260 OrderRule.class,v
3,851 RuleSvrThread$ClientHandler.class,v
                 02:09p
                 02:09p
                 02:09p
10/24/2003
                                              2,349 RuleSvrThread.class,v
                 02:09p
                                            4,079 TargetProfile.class,v
3,328 TraderExchangeIdentifier.class,v
158,167 bytes
10/24/2003
10/24/2003
                02:09p
02:09p
                   16 File(s)
 Directory of D:\cvs\cmm\esmfix\build\com\esmfix\constants
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10/24/2003
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                                             26,006 Constants.class,v
                                              2,011 FIXConstants.class,v
28,017 bytes
10/24/2003
                 02:09p
                     2 File(s)
                                                      Page 22
```

dir.txt

```
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01/01/1601
10/24/2003
10/24/2003
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2,198 RITDFixModifier$RitdClient.class,v
6,794 RITDFixModifier.class,v
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10/24/2003
                 02:09p
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                                               13,669 bytes
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10/31/2003
                                   <DIR>
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                                                      0 bytes
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10/31/2003
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10/31/2003
10/31/2003
                 04:01p
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                 04:01p
                                                        fixmodifiers
                                   <DIR>
10/31/2003
                                                        monitor
                 04:01p
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                                                       0 bytes
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10/24/2003
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10/24/2003
10/24/2003
10/24/2003
10/24/2003
10/24/2003
10/24/2003
10/24/2003
                 02:09p
                                               5,482 CustomMessageModifier.class,v
                 02:09p
                                              30,811 FIXComponent.class,v
                 02:09p
                                               1,588 FIXLogger.class,v
1,389 FixMWAccApp$1.class,v
                 02:09p
                 02:09p
                                               1,607 FixMWAccApp$2.class,v
                 02:09b
                                              28,363 FixMWACCApp.class,v
1,242 FixServerThread.class,v
11,624 IDMapper.class,v
10/24/2003
10/24/2003
10/24/2003
10/24/2003
10/24/2003
10/24/2003
10/24/2003
10/24/2003
10/24/2003
10/24/2003
10/24/2003
10/24/2003
10/24/2003
10/24/2003
10/24/2003
10/24/2003
10/24/2003
10/24/2003
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02:09p
                                                  668 IMessageModifier.class,v
                 02:09p
                                               2,813 Messagevalidator.class,v
                 02:09p
                                               2,129 MonitoringSessionListener.class,v
                 02:09p
                                               2,570 NESParser.class,v
                 02:09p
                                               8,837 NESRuleProcessor.class,v
                 02:09p
                                               5,056 NESSession.class,v
2,651 OrderRule.class,v
                 02:09p
                 02:09p
                                               1,525 PersistenceManager.class,v
3,876 RuleSvrThread$ClientHandler.class,v
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                                               2,374 RuleSvrThread.class,v
1,445 SessionReaderThread$1.class,v
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                                               1,445 SessionReaderThread$2.class,v
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                                              19,871 SessionReaderThread.class,v
10/24/2003
                                               4,124 TargetProfile.class,v
                 02:09p
                                               3,353 TraderExchangeIdentifier.class,v
10/24/2003
                 02:09p
                                              163,349 bytes
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01/01/1601 10/24/2003
                 12:00a
                                   <DIR>
                 02:09p
                                              25,947 Constants.class,v
                                                       Page 23
```

```
dir.txt
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10/24/2003
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                   2 File(s)
                                         27,963 bytes
 Directory of D:\cvs\cmm\esmfix\build\com\ksil\esmfix\fixmodifiers
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01/01/1601
10/24/2003
10/24/2003
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2,223 RITDFixModifier$RitdClient.class,v
7,609 RITDFixModifier.class.v
               02:09p
               02:09p
                                         7,609 RITDFixModifier.class,v
15,390 bytes
10/24/2003
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 Directory of D:\cvs\cmm\esmfix\build\com\ksil\esmfix\monitor
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01/01/1601
10/24/2003
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01/01/1601
10/31/2003
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                                                com
                  0 File(s)
                                               0 bytes
 Directory of D:\cvs\cmm\esmfix\src\com
01/01/1601
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01/01/1601
10/31/2003
10/31/2003
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                                                crown
               04:01p
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                                                esmfix
                  0 File(s)
                                               0 bytes
 Directory of D:\cvs\cmm\esmfix\src\com\crown
01/01/1601
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01/01/1601
10/31/2003
               12:00a
                              <DIR>
              04:01p
                              <DIR>
                                                nes
                  0 File(s)
                                               0 bytes
 Directory of D:\cvs\cmm\esmfix\src\com\crown\nes
01/01/1601
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01/01/1601
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10/31/2003
10/31/2003
10/31/2003
10/31/2003
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                                                common
              04:01p
                             <DIR>
                                                parser
              04:01p
                             <DIR>
                                                rules
              04:01p
                              <DIR>
                                                util
                  0 File(s)
                                               0 bytes
 Directory of D:\cvs\cmm\esmfix\src\com\crown\nes\common
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              12:00a
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09/08/2003
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                                            996 bytes
Directory of D:\cvs\cmm\esmfix\src\com\crown\nes\parser
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01/01/1601
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              12:00a
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09/08/2003
              06:30a
                                           686 IRuleEventReceiver.java,v
                                               Page 24
```

```
dir.txt
 09/08/2003
09/08/2003
09/08/2003
09/08/2003
                                                  900 RuleEventObject.java,v
                  06:30a
                  06:30a
06:30a
                                               6,158 RuleParser.java,v
                                               1,698 RuleParserConstants.java,v
3,885 RuleProcessInfo.java,v
13,327 bytes
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 01/01/1601
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09/08/2003
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786 IRuleEvalObj.java,v
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09/08/2003
09/08/2003
09/08/2003
09/08/2003
09/08/2003
09/08/2003
09/08/2003
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                                               905 IRuleKey.java,v
8,947 NESRule.java,v
8,175 NESRuleTreeKey.java,v
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                  06:30a
                  06:30a
                                               4,018 RoundingRule.java,v
7,458 RoundingRuleData.java,v
3,826 RoundingRulesCache.java,v
                  06:30a
                  06:30a
                  06:30a
                  06:30a
                                               8,110 RoundingRuleTreeKey.java,v
 09/08/2003
09/08/2003
                  06:30a
06:30a
                                               1,718 RuleBearer.java,v
                                               1,045 RuleConstants.java,v
 09/08/2003
                  06:30a
                                              10,150 RulesCache.java.v
                     12 File(s)
                                               55,821 bytes
  Directory of D:\cvs\cmm\esmfix\src\com\crown\nes\util
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                  12:00a
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 10/31/2003
                 04:01p
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                                  <DIR>
                      0 File(s)
                                                      0 bytes
  Directory of D:\cvs\cmm\esmfix\src\com\crown\nes\util\db
01/01/1601
01/01/1601
09/08/2003
09/08/2003
09/08/2003
09/08/2003
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                 06:30a
                                               3,217 DBConfiguration.java,v
                 06:30a
06:30a
                                               3,184 DBUtil.java,v
                                                  647
                                                       IResultSetProcessor.java.v
09/08/2003
09/08/2003
09/08/2003
                                                  642 IUpdateProcessor.java,v
                 06:30a
                 06:30a
                                                  767 NullsQLType.java,v
                                               2.945 SQLExecuter.java,v
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                      7 File(s)
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10/31/2003
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                 04:01p
                                  <DIR>
                                                       constants
10/31/2003
                 04:01p
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                                                       fixmodifiers
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                                                     0 bytes
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10/24/2003
10/24/2003
10/24/2003
10/24/2003
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                                  <DIR>
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                                             16,801 .IDMapper.java.swp,v
                                                 753 .nbattrs,v
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9,570 CustomMessageModifier.java,v
                 02:09p
                 02:09p
                                             95,881 FIXComponenť.java,v
                 02:09p
10/24/2003
                02:09p
                                             89,661 FIXComponent.solaris.v
                                                      Page 25
```

```
dir.txt
10/24/2003
10/24/2003
10/24/2003
10/24/2003
                                          45,674 FixMWAccApp.java,v
                02:09p
                02:09p
                                              792 FixServerThread.java,v
                                          23,235 IDMapper.java,v
1,526 IMessageModifier.java,v
                02:09p
                02:09p
10/24/2003
10/24/2003
09/08/2003
09/08/2003
09/08/2003
09/08/2003
09/08/2003
10/24/2003
                02:09p
                                          10,323 Messagevalidator.java,v
                                          2,676 NESParser.java,v
17,727 NESRuleProcessor.java,v
                06:30a
                06:30a
                06:30a
                                          11,115 NESRuleProcessor.java.org,v
                                           7,366 NESSession.java,v
2,157 OrderRule.java,v
5,079 RuleSvrThread.java,v
3,037 TargetProfile.java,v
                06:30a
                06:30a
06:30a
                02:09p
                                           6,422 TraderExchangeIdentifier.java,v
                02:09p
10/24/2003
                   19 File(s)
                                          355,628 bytes
 pirectory of D:\cvs\cmm\esmfix\src\com\esmfix\constants
                12:00a
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01/01/1601
01/01/1601
10/24/2003
                12:00a
                                <DIR>
                02:09p
                                          35,764 Constants.java,v
                                           2,189 FIXConstants.java,v
37,953 bytes
10/24/2003
                02:09p
                    2 File(s)
 Directory of D:\cvs\cmm\esmfix\src\com\esmfix\fixmodifiers
01/01/1601
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01/01/1601
                12:00a
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10/24/2003
10/24/2003
                                            5,616 BLOOFixModifier.java,v
                02:09p
                                          10,231 RITDFixModifier.java,v
                02:09p
                                           15,847 bytes
                    2 File(s)
 Directory of D:\cvs\cmm\esmmarketdata
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01/01/1601
01/01/1601
10/31/2003
10/31/2003
09/08/2003
09/08/2003
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                                              518 build.bat,v
511 build.sh,v
                06:30a
                06:30a
                                            2,223 build.xml,v
                06:30a
09/08/2003
                                              528 doc.bat,v
                06:30a
                    4 File(s)
                                             3,780 bytes
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                                <DIR>
10/31/2003
                04:01p
                                <DIR>
                                                   com
                    0 File(s)
                                                  0 bytes
 Directory of D:\cvs\cmm\esmmarketdata\build\com
01/01/1601
01/01/1601
                12:00a
                                <DIR>
                12:00a
                                <DIR>
                                                   ksil
10/31/2003
                04:01p
                                <DIR>
                    0 File(s)
                                                  0 bytes
 Directory of D:\cvs\cmm\esmmarketdata\build\com\ksil
01/01/1601
01/01/1601
                12:00a
                                <DIR>
                12:00a
                                <DIR>
10/31/2003
                04:01p
                                <DIR>
                                                   esmmarketdata
                    0 File(s)
                                                  0 bytes
                                                   Page 26
```

dir.txt

```
Directory of D:\cvs\cmm\esmmarketdata\build\com\ksil\esmmarketdata
01/01/1601
01/01/1601
               12:00a
                             <DIR>
               12:00a
                             <DIR>
10/31/2003
10/31/2003
10/31/2003
              04:01p
                             <DIR>
                                               combined
              04:01p
                             <DIR>
                                               service
              04:01p
                             <DIR>
                                               util
                  0 File(s)
                                              0 bytes
 Directory of D:\cvs\cmm\esmmarketdata\build\com\ksil\esmmarketdata\combined
01/01/1601
01/01/1601
09/08/2003
              12:00a
                             <DIR>
              12:00a
                             <DIR>
              06:30a
                                        6,792 CombinedService.class,v
                  1 File(s)
                                         6,792 bytes
 Directory of D:\cvs\cmm\esmmarketdata\build\com\ksil\esmmarketdata\service
01/01/1601
01/01/1601
10/31/2003
09/08/2003
              12:00a
                             <DIR>
              12:00a
                             <DIR>
              04:01p
                             <DIR>
                                               rtp
                                        3,956 BBOService.class,v
              06:30a
09/08/2003
09/08/2003
                                        5,085 FBService.class,v
              06:30a
              06:30a
                                        7,840 LoginService class,v
09/08/2003
              06:30a
                                        3,719 LSPService.class,v
09/08/2003
09/08/2003
                                        1,434 MarketDataService$1.class,v
              06:30a
                                        5,493 MarketDataService.class,v
4,040 PositionService.class,v
              06:30a
09/08/2003
              06:30a
09/08/2003
              06:30a
                                          505 pubring.pgp,v
09/08/2003
09/08/2003
              06:30a
06:30a
                                         ,996 StatisticService.class,v
                                        3,804 StatusService.class,v
                 10 File(s)
                                        38,872 bytes
 Directory of D:\cvs\cmm\esmmarketdata\build\com\ksil\esmmarketdata\service\rtp
01/01/1601
              12:00a
                             <DIR>
01/01/1601
09/08/2003
              12:00a
                             <DTR>
                                        4,932 RTP.class,v
4,578 RTPService.class,v
              06:30a
              06:30a
09/08/2003
                                         9,510 bytes
                  2 File(s)
 Directory of D:\cvs\cmm\esmmarketdata\build\com\ksil\esmmarketdata\util
              12:00a
01/01/1601
                             <DIR>
01/01/1601
09/08/2003
              12:00a
                             <DIR>
              06:30a
                                        1,933 PasswordProvider.class,v
                                       3,254 UserManager.class,v
5,187 bytes
09/08/2003
              06:30a
                  2 File(s)
 Directory of D:\cvs\cmm\esmmarketdata\src
01/01/1601
01/01/1601
              12:00a
                             <DIR>
              12:00a
                             <DIR>
10/31/2003
              04:01p
                             <DIR>
                                              COM
                 0 File(s)
                                             0 bytes
 Directory of D:\cvs\cmm\esmmarketdata\src\com
01/01/1601
              12:00a
12:00a
                             <DTR>
01/01/1601
                             <DIR>
10/31/2003
              04:01p
                             <DIR>
                                              ksi1
                 0 File(s)
                                             0 bytes
                                              Page 27
```

dir.txt

```
Directory of D:\cvs\cmm\esmmarketdata\src\com\ksil
01/01/1601
01/01/1601
                12:00a
                                <DIR>
                12:00a
                                <DIR>
10/31/2003
                04:01p
                                <DIR>
                                                    esmmarketdata
                    0 File(s)
                                                  0 bytes
  Directory of D:\cvs\cmm\esmmarketdata\src\com\ksil\esmmarketdata
01/01/1601
01/01/1601
10/31/2003
10/31/2003
                12:00a
                                <DIR>
                12:00a
                                <DIR>
                04:01p
                                <DIR>
                                                    combined
                04:01p
                                <DIR>
                                                    service
10/31/2003
                04:01p
                                <DIR>
                                                    util
                    0 File(s)
                                                  0 bytes
 Directory of D:\cvs\cmm\esmmarketdata\src\com\ksil\esmmarketdata\combined
01/01/1601
                12:00a
                                <DIR>
01/01/1601
09/08/2003
                12:00a
                                <DIR>
                06:30a
                                           14,486 CombinedService.java.v
                                            14,486 bytes
                    1 File(s)
 Directory of D:\cvs\cmm\esmmarketdata\src\com\ksil\esmmarketdata\service
01/01/1601
01/01/1601
10/31/2003
                12:00a
                                <DIR>
                12:00a
                                <DIR>
                04:01p
                                <DIR>
                                                   rtp
10/51/2003
09/08/2003
09/08/2003
09/08/2003
09/08/2003
09/08/2003
                06:30a
06:30a
                                                   .nbattrs,v
                                              806
                                            7,212 BBOService.java,v
                06:30a
                                          10,247 FBService.java,v
                                           20,270 LoginService.java,v
                06:30a
                                          6,656 LSPService.java,v
14,594 MarketDataService.java,v
7,305 PositionService.java,v
                06:30a
                06:30a
09/08/2003
                06:30a
09/08/2003
09/08/2003
09/08/2003
                                           505 pubring.pgp,v
4,529 StatisticService.java,v
6,836 StatusService.java,v
                06:30a
                06:30a
                06:30a
                  10 File(s)
                                            78,960 bytes
 Directory of D:\cvs\cmm\esmmarketdata\src\com\ksil\esmmarketdata\service\rtp
01/01/1601
01/01/1601
09/08/2003
                12:00a
                                <DIR>
                12:00a
                                <DIR>
                06:30a
                                              621 .nbattrs,v
                                          16,566 RTP.java,v
8,502 RTPService.java,v
25,689 bytes
09/08/2003
                06:30a
09/08/2003
               06:30a
                   3 File(s)
 Directory of D:\cvs\cmm\esmmarketdata\src\com\ksil\esmmarketdata\util
01/01/1601
               12:00a
                                <DIR>
01/01/1601
               12:00a
                                <DIR>
                                          2,807 PasswordProvider.java,v
10,329 UserManager.java,v
13,136 bytes
09/08/2003
               06:30a
09/08/2003
               06:30a
                   2 File(s)
 Directory of D:\cvs\cmm\esmserver
01/01/1601
01/01/1601
               12:00a
                               <DIR>
               12:00a
                                <DIR>
10/31/2003
               04:01p
                                <DIR>
                                                   build
                                                  Page 28
```

```
dir.txt
10/31/2003
10/24/2003
10/24/2003
10/24/2003
10/24/2003
               04:01p
                             <DIR>
                                                src
               02:09p
                                           496 build.bat.v
               02:09p
                                           502 build.sh,v
               02:09p
                                         1,923 build.xml,v
                                           506 doc.bat,v
               02:09p
                   4 File(s)
                                          3,427 bytes
 Directory of D:\cvs\cmm\esmserver\build
               12:00a
12:00a
01/01/1601
                             <DIR>
01/01/1601
10/31/2003
                             <DIR>
               04:01p
                             <DIR>
                                                COM
                   0 File(s)
                                               0 bytes
 Directory of D:\cvs\cmm\esmserver\build\com
01/01/1601
               12:00a
                              <DIR>
01/01/1601
10/31/2003
10/31/2003
               12:00a
                              <DIR>
               04:01p
                              <DIR>
                                                esmserver
               04:01p
                              <DIR>
                                                ksil
                   O File(s)
                                               0 bytes
 Directory of D:\cvs\cmm\esmserver\build\com\esmserver
01/01/1601
01/01/1601
10/31/2003
               12:00a
                              <DIR>
               12:00a
                              <DIR>
               04:01p
                              <DIR>
                                                beans
10/31/2003
10/31/2003
10/24/2003
               04:01p
                              <DIR>
                                                constants
               04:01p
                              <DIR>
                                                manager
               02:09p
                                        29,060 ESMServer.class,v
                                        5,783 ESMServer_Skel.class,v
9,910 ESMServer_Stub.class,v
1,437 IESMServer.class,v
               02:09p
10/24/2003
10/24/2003
               02:09p
10/24/2003
               02:09p
                                         46,190 bytes
                   4 File(s)
 Directory of D:\cvs\cmm\esmserver\build\com\esmserver\beans
01/01/1601
               12:00a
                              <DIR>
01/01/1601
               12:00a
                              <DIR>
                                         6,577 ESMServerBean.class,v
6,577 bytes
10/24/2003
               02:09p
                   1 File(s)
 Directory of D:\cvs\cmm\esmserver\build\com\esmserver\constants
01/01/1601
               12:00a
                              <DIR>
01/01/1601
               12:00a
                              <DTR>
                                         1,720 ESMServerConstants.class,v
10/24/2003
               02:09p
                   1 File(s)
                                          1,720 bytes
 Directory of D:\cvs\cmm\esmserver\build\com\esmserver\manager
                              <DIR>
01/01/1601
               12:00a
               12:00a
01/01/1601
                              <DIR>
10/24/2003
10/24/2003
               02:09p
                                         2,192 ComponentManager$ConnectThread.class,v
                                         4,984 ComponentManager.class,v
7,176 bytes
               02:09p
                   2 File(s)
 Directory of D:\cvs\cmm\esmserver\build\com\ksil
01/01/1601
01/01/1601
               12:00a
                              <DIR>
               12:00a
                              <DIR>
10/31/2003
               04:01p
                              <DIR>
                                                esmserver
                   0 File(s)
                                               0 bytes
                                               Page 29
```

dir.txt

```
Directory of D:\cvs\cmm\esmserver\build\com\ksil\esmserver
01/01/1601
01/01/1601
10/31/2003
10/31/2003
10/31/2003
10/24/2003
                12:00a
                               <DIR>
                12:00a
                               <DIR>
                04:01p
                               <DIR>
                                                  beans
                04:01p
                               <DIR>
                                                  constants
                04:01p
                               <DIR>
                                                  manager
                02:09p
                                         16,234 ESMServer class, v
                                          5,793 ESMServer_Skel.class,v
9,930 ESMServer_Stub.class,v
1,442 IESMServer.class,v
10/24/2003
10/24/2003
                02:09p
                02:09p
 10/24/2003
                02:09p
                    4 File(s)
                                          33,399 bytes
  Directory of D:\cvs\cmm\esmserver\build\com\ksil\esmserver\beans
01/01/1601
01/01/1601
                12:00a
                               <DIR>
               12:00a
                               <DIR>
 10/24/2003
                02:09p
                                          6,515 ESMServerBean.class,v
                   1 File(s)
                                            6,515 bytes
 Directory of D:\cvs\cmm\esmserver\build\com\ksil\esmserver\constants
01/01/1601
01/01/1601
10/24/2003
               12:00a
                               <DIR>
               12:00a
                               <DIR>
               02:09p
                                          1,734 ESMServerConstants.class.v
                   1 File(s)
                                           1,734 bytes
 Directory of D:\cvs\cmm\esmserver\build\com\ksil\esmserver\manager
01/01/1601
               12:00a
                               <DTR>
01/01/1601
10/24/2003
               12:00a
                               <DIR>
               02:09p
                                          2,226 ComponentManager$ConnectThread.class,v
10/24/2003
                                          5,068 ComponentManager.class,v
7,294 bytes
               02:09p
                   2 File(s)
 Directory of D:\cvs\cmm\esmserver\src
01/01/1601
01/01/1601
               12:00a
                               <DIR>
               12:00a
                               <DIR>
10/31/2003
               04:01p
                               <DIR>
                                                  com
                   0 File(s)
                                                0 bytes
 Directory of D:\cvs\cmm\esmserver\src\com
01/01/1601
               12:00a
                               <DIR>
01/01/1601
10/31/2003
               12:00a
                              <DIR>
               04:01p
                               <DIR>
                                                 esmserver
                   0 File(s)
                                                0 bytes
 Directory of D:\cvs\cmm\esmserver\src\com\esmserver
01/01/1601
01/01/1601
10/31/2003
               12:00a
                              <DIR>
               12:00a
                              <DIR>
               04:01p
                              <DIR>
                                                 beans
10/31/2003
10/31/2003
10/24/2003
               04:01p
                              <DIR>
                                                 constants
               04:01p
                               <DIR>
                                                 manager
               02:09p
                                          2,089
                                                 .nbattrs,v
10/24/2003
10/24/2003
10/24/2003
10/24/2003
               02:09p
                                         33,147 ESMServer.java,v
               02:09p
                                            391 ESMServer.rmi,v
                                          5,268 IESMServer.java,v
               02:09p
                                          40,895 bytes
                   4 File(s)
```

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```
dir.txt
 Directory of D:\cvs\cmm\esmserver\src\com\esmserver\beans
01/01/1601
01/01/1601
10/24/2003
               12:00a
                              <DIR>
               12:00a
                              <DIR>
               02:09p
                                        13,920 ESMServerBean.java,v
                   1 File(s)
                                         13,920 bytes
 Directory of D:\cvs\cmm\esmserver\src\com\esmserver\constants
01/01/1601
               12:00a
                              <DIR>
01/01/1601
               12:00a
                              <DIR>
10/24/2003
               02:09p
                                         1,527 ESMServerConstants.java,v
                                          1,527 bytes
                   1 File(s)
 Directory of D:\cvs\cmm\esmserver\src\com\esmserver\manager
01/01/1601
               12:00a
                              <DIR>
01/01/1601
10/24/2003
10/24/2003
10/24/2003
               12:00a
                              <DIR>
                                        16,790 .ComponentManager.java.swp,v
               02:09p
               02:09b
                                            595 .nbattrs,v
                                        11,446 ComponentManager.java,v
               02:09p
                   3 File(s)
                                         28,831 bytes
 Directory of D:\cvs\cmm\esmutil
               12:00a
01/01/1601
                              <DIR>
01/01/1601
10/31/2003
               12:00a
                              <DIR>
               04:01p
                                                 build
                              <DIR>
10/31/2003
10/24/2003
10/24/2003
               04:01p
                              <DIR>
                                                 src
               02:09p
                                            802 .nbattrs,v
               02:09p
                                            469 build.bat,v
10/24/2003
10/24/2003
10/24/2003
                                         503 build.sh,v
2,035 build.xml,v
               02:09p
               02:09p
               02:09p
                                            506 doc.bat,v
                   5 File(s)
                                           4,315 bytes
 Directory of D:\cvs\cmm\esmutil\build
01/01/1601
01/01/1601
               12:00a
                              <DIR>
               12:00a
                              <DIR>
10/31/2003
               04:01p
                              <DIR>
                                                 COM
                   0 File(s)
                                               0 bytes
 Directory of D:\cvs\cmm\esmutil\build\com
               12:00a
01/01/1601
                              <DIR>
01/01/1601
10/31/2003
               12:00a
                              <DIR>
               04:01p
                              <DIR>
                                                 esmutil
10/31/2003
               04:01p
                              <DIR>
                                                 ksi1
                   0 File(s)
                                               0 bytes
 Directory of D:\cvs\cmm\esmutil\build\com\esmutil
01/01/1601
01/01/1601
10/31/2003
10/31/2003
10/31/2003
10/31/2003
10/31/2003
10/31/2003
10/31/2003
               12:00a
                              <DIR>
               12:00a
                              <DIR>
               04:01p
                              <DIR>
                                                 connection
               04:01p
                              <DIR>
                                                 database
               04:01p
                              <DIR>
                                                 exception
               04:01p
                              <DIR>
                                                 game
               04:01p
                                                 Ĩist
                              <DIR>
               04:01p
                              <DIR>
                                                 Tock
               04:01p
                              <DIR>
                                                 logging
               04:01p
10/31/2003
                              <DIR>
                                                map
                                                Page 31
```

```
dir.txt
 10/31/2003
                04:01p
                               <DIR>
                                                 persistence
10/31/2003
10/31/2003
10/31/2003
                04:01p
                               <DIR>
                                                 queue
               04:01p
                               <DIR>
                                                 security
               04:01p
                               <DIR>
                                                 stream
 10/31/2003
               04:01p
                               <DIR>
                                                 transport
                   0 File(s)
                                                0 bytes
  Directory of D:\cvs\cmm\esmutil\build\com\esmutil\connection
 01/01/1601
                12:00a
                               <DIR>
01/01/1601
10/24/2003
10/24/2003
10/24/2003
               12:00a
                               <DIR>
               02:09p
                                          1,555 ConnectionImpl.class,v
               02:09p
                                          2,218 ConnectionManager.class,v
               02:09p
                                             671 IConnection.class.v
                   3 File(s)
                                           4,444 bytes
  Directory of D:\cvs\cmm\esmutil\build\com\esmutil\database
01/01/1601
               12:00a
                               <DIR>
01/01/1601
01/01/1601
10/24/2003
10/24/2003
10/24/2003
10/24/2003
10/24/2003
               12:00a
02:09p
                               <DIR>
                                          4,597 DBBase.class,v
               02:09p
                                          1,946 DBManager_class,v
               02:09p
                                          1,688 DBQuery.class,v
                                          706 IQuery.class,v
1,509 QueryBase$QueryKey.class,v
               02:09p
               02:09p
               02:09p
                                          3,181 QueryBase.class,v
               02:09p
10/24/2003
                                            767 QueryException.class,v
                                          14,394 bytes
                   7 File(s)
 Directory of D:\cvs\cmm\esmutil\build\com\esmutil\exception
01/01/1601
               12:00a
                               <DIR>
01/01/1601
               12:00a
                              <DIR>
10/24/2003
               02:09p
                                            981 ESMException.class.v
                   1 File(s)
                                             981 bytes
 Directory of D:\cvs\cmm\esmutil\build\com\esmutil\game
01/01/1601
01/01/1601
10/24/2003
10/24/2003
10/24/2003
10/24/2003
10/24/2003
10/24/2003
10/24/2003
01/01/1601
               12:00a
                              <DIR>
               12:00a
                              <DIR>
               02:09p
                                          4,927 GameServer.class,v
                                          2,463 GameServer_Skel.class,v
4,193 GameServer_Stub.class,v
               02:09p
               02:09p
               02:09p
                                            796 IGameServer.class,v
               02:09p
02:09p
                                            738 IPlayer.class,v
                                         1,436 Player.class,v
2,560 Player_Skel.class,v
               02:09p
10/24/2003
               02:09p
                                          4,728 Player_Stub.class,v
                   8 File(s)
                                          21,841 bytes
 Directory of D:\cvs\cmm\esmutil\build\com\esmutil\list
01/01/1601
               12:00a
                              <DIR>
01/01/1601
10/24/2003
               12:00a
                              <DIR>
                                         2,794 ESMPersistentArrayList.class.v
               02:09p
                                         2,277 ListEvent.class,v
5,071 bytes
               02:09p
10/24/2003
                   2 File(s)
 Directory of D:\cvs\cmm\esmutil\build\com\esmutil\lock
01/01/1601
               12:00a
                              <DIR>
01/01/1601
               12:00a
                              <DIR>
10/24/2003
              02:09p
                                         1,504 DistributedLock$1.class,v
                                                Page 32
```

```
dir.txt
                                               1,841 DistributedLock$LockWaiter.class,v
                 02:09p
10/24/2003
                                               6,139 DistributedLock.class,v
10/24/2003
10/24/2003
                 02:09p
                                             12,421 LockManager.class,v
                 02:09p
                                               1,079 Mutex.class,v
10/24/2003
                 02:09p
                     5 File(s)
                                               22,984 bytes
 Directory of D:\cvs\cmm\esmutil\build\com\esmutil\logging
01/01/1601
                 12:00a
                                  <DIR>
01/01/1601
01/01/1601
10/31/2003
10/24/2003
10/24/2003
10/24/2003
10/24/2003
                 12:00a
                                  <DIR>
                 04:01p
                                  <DIR>
                                                       monitor
                 02:09p
                                                  626 BroadcastTransportLogger$1.class,v
                                               2,590 BroadcastTransportLogger$LogEntry.class,v 4,811 BroadcastTransportLogger.class,v
                 02:09p
                 02:09p
                 02:09p
                                               1,012 ILogger.class,v
                                               1,941 LoggerManager.class,v
3,477 MonitorApplet.class,v
                 02:09p
10/24/2003
                 02:09p
                     6 File(s)
                                               14,457 bytes
 Directory of D:\cvs\cmm\esmutil\build\com\esmutil\logging\monitor
01/01/1601
01/01/1601
10/24/2003
                 12:00a
                                  <DIR>
                 12:00a
                                  <DIR>
                                               2,093 HighlightTable.class,v
3,662 LogMonitorTableModel.class,v
                 02:09p
10/24/2003
10/24/2003
10/24/2003
10/24/2003
10/24/2003
10/24/2003
                 02:09p
02:09p
                                               2,672 PlaySound.class,v
                                                  609 ResponseTimer$1.class,v
                 02:09p
                                               2,305 ResponseTimer$OrderAckStatistic.class,v
6,560 ResponseTimer.class,v
                 02:09p
                 02:09p
                                               2,591 TransportLogListener.class,v
                 02:09p
10/24/2003
10/24/2003
                                               3,110 TransportLogMonitorApplication.class,v
                 02:09p
                                               2,668 TransportLogMonitorFrame$1.class,v
5,677 TransportLogMonitorFrame.class,v
31,947 bytes
                 02:09p
10/24/2003
                 02:09p
                    10 \text{ File(s)}
 Directory of D:\cvs\cmm\esmutil\build\com\esmutil\map
01/01/1601
                 12:00a
                                  <DIR>
01/01/1601
10/24/2003
10/24/2003
10/24/2003
                                  <DIR>
                 12:00a
                                              2,387 ESMMap.class,v
3,322 ESMPersistentMap.class,v
2,761 MapEvent.class,v
2,206 StringSerializer.class,v
10,676 bytes
                 02:09p
                 02:09p
                 02:09p
                 02:09p
10/24/2003
                     4 File(s)
 Directory of D:\cvs\cmm\esmutil\build\com\esmutil\persistence
01/01/1601
01/01/1601
10/24/2003
10/24/2003
10/24/2003
10/24/2003
                                  <DIR>
                 12:00a
                 12:00a
                                  <DIR>
                                                  812 IESMSerializable.class,v
675 ITransactionLog.class,v
                 02:09p
02:09p
                 02:09p
                                                  605 ITransactionLogHandler.class,v
                                                  634 PersistentSequenceNumber$1.class,v
                 02:09p
10/24/2003
                 02:09p
                                               2,589
PersistentSequenceNumber$PersistentSequenceNumberSeriali.class,v
10/24/2003
10/24/2003
10/24/2003
10/24/2003
                                               2,413 PersistentSequenceNumber.class,v
                 02:09p
                                               604 TransactionLog$1.class,v
1,899 TransactionLog$LogWaiter.class,v
                 02:09p
                 02:09p
                                               4,258 TransactionLog.class,v
                 02:09p
                                               7,531 TransactionLogManager.class,v
22,020 bytes
10/24/2003
                 02:09p
                    10 File(s)
 Directory of D:\cvs\cmm\esmutil\build\com\esmutil\queue
```

Page 33

dir.txt 01/01/1601 01/01/1601 10/24/2003 10/24/2003 10/24/2003 10/24/2003 10/24/2003 10/24/2003 12:00a <DIR> 12:00a <DIR> 02:09p 2,874 ESMPersistentQueue.class,v 02:09p 574 ESMQueue\$1.class.v 02:09p 02:09p 2,034 ESMQueue\$QueueNode.class,v 1,775 ESMQueue\$QueueWaiter.class,v 02:09b 3,268 ESMQueue.class,v 1,502 ObjectWrapper.class,v 2,364 QueueEvent.class,v 14,391 bytes 02:09p 10/24/2003 02:09p 7 File(s) Directory of D:\cvs\cmm\esmutil\build\com\esmutil\security 01/01/1601 12:00a <DIR> 01/01/1601 10/24/2003 12:00a <DIR> 1,732 SecurityDetails.class,v 7,146 SecurityMapper.class,v 8,878 bytes 02:09p 10/24/2003 02:09p 2 File(s) Directory of D:\cvs\cmm\esmutil\build\com\esmutil\stream 01/01/1601 12:00a <DIR> 01/01/1601 10/24/2003 12:00a 02:09p <DIR> 8,354 ConversionUtilities.class,v 10/24/2003 10/24/2003 10/24/2003 10/24/2003 1,916 ESMInputOutputStream.class,v 02:09p 02:09p 02:09p 971 ESMInputStream\$ResultPair.class,v 3,363 ESMInputStream.class,v 02:09p 1,834 ESMOutputStream.class,v 10/24/2003 02:09p 1,302 OffsetTracker.class,v 6 File(s) 17,740 bytes Directory of D:\cvs\cmm\esmutil\build\com\esmutil\transport 01/01/1601 12:00a <DIR> 01/01/1601 10/24/2003 12:00a <DIR> 02:09p 591 IBroadcastListener.class.v 10/24/2003 10/24/2003 10/24/2003 10/24/2003 10/24/2003 10/24/2003 10/24/2003 02:09p 02:09p 02:09p 833 IESMBroadcastTransport.class,v 1,039 IMapMessage.class,v 1,293 TibcoBroadcastTransport\$1.class,v 02:09p 1,567 TibcoBroadcastTransport\$2.class,v 02:09p 3,075 TibcoBroadcastTransport.class,v 02:09p 3,409 TibcoMapMessage.class.v 02:09p 1,574 TransportManager.class,v 13,381 bytes 8 File(s) Directory of D:\cvs\cmm\esmutil\build\com\ksil 01/01/1601 12:00a <DIR> 01/01/1601 12:00a <DIR> 10/31/2003 04:01p <DIR> esmutil 0 File(s) 0 bytes Directory of D:\cvs\cmm\esmutil\build\com\ksil\esmutil 01/01/1601 01/01/1601 10/31/2003 10/31/2003 10/31/2003 10/31/2003 10/31/2003 12:00a 12:00a <DIR> <DIR> 04:01p <DIR> connection

database

game list

lock Page 34

exception

04:01p

04:01p

04:01p

04:01p

04:01p

10/31/2003

<DIR>

<DIR>

<DIR>

<DIR>

<DIR>

```
dir.txt
10/31/2003
10/31/2003
10/31/2003
10/31/2003
10/31/2003
10/31/2003
                 04:01p
                                 <DIR>
                                                     logging
                 04:01p
                                 <DIR>
                                                     map
                 04:01p
                                 <DIR>
                                                     persistence
                 04:01p
                                 <DIR>
                                                     queue
                 04:01p
                                 <DIR>
                                                     security
                 04:01p
                                 <DIR>
                                                     stream
                04:01p
 10/31/2003
                                 <DIR>
                                                     transport
                     0 \text{ File(s)}
                                                   0 bytes
  Directory of D:\cvs\cmm\esmutil\build\com\ksil\esmutil\connection
 01/01/1601
                12:00a
                                 <DIR>
 01/01/1601
                 12:00a
                                 <DIR>
10/24/2003
10/24/2003
10/24/2003
                02:09p
02:09p
                                             1,600 ConnectionImpl.class,v
                                             2,254 ConnectionManager.class,v
686 IConnection.class,v
                02:09p
                     3 File(s)
                                              4,540 bytes
  Directory of D:\cvs\cmm\esmutil\build\com\ksil\esmutil\database
01/01/1601
01/01/1601
10/24/2003
                12:00a
12:00a
                                 <DIR>
                                 <DIR>
                02:09p
                                             4,607 DBBase.class,v
10/24/2003
10/24/2003
10/24/2003
                                            1,976 DBManager.class,v
1,718 DBQuery.class,v
716 IQuery.class,v
                02:09p
                02:09p
                02:09p
10/24/2003
10/24/2003
10/24/2003
                                             1,534 QueryBase$QueryKey.class,v
                02:09p
                02:09p
                                             3,261 QueryBase.class,v
                02:09p
                                               777 QueryException.class,v
                     7 File(s)
                                            14,589 bytes
 Directory of D:\cvs\cmm\esmutil\build\com\ksil\esmutil\exception
01/01/1601
                12:00a
                                 <DIR>
01/01/1601
                12:00a
                                 <DIR>
10/24/2003
                02:09p
                                               991 ESMException.class,v
                     1 File(s)
                                                991 bytes
 Directory of D:\cvs\cmm\esmutil\build\com\ksil\esmutil\game
01/01/1601
01/01/1601
10/24/2003
10/24/2003
10/24/2003
10/24/2003
10/24/2003
10/24/2003
01/01/1601
                12:00a
                                <DIR>
                12:00a
                                <DIR>
                                            4,982 GameServer.class,v
2,497 GameServer_Skel.class,v
4,242 GameServer_Stub.class,v
                02:09p
                02:09p
                02:09p
                02:09p
                                               811 IGameServer.class,v
                                               743 IPlayer.class,v
                02:09p
                02:09p
                                            1,451 Player.class,v
                                            2,570 Player_Skel.class,v
4,748 Player_Stub.class,v
                02:09p
10/24/2003
                02:09p
                    8 File(s)
                                            22,044 bytes
 Directory of D:\cvs\cmm\esmutil\build\com\ksil\esmutil\list
01/01/1601
                12:00a
                                <DIR>
01/01/1601
10/24/2003
                12:00a
                                <DIR>
                02:09p
                                            2,888 ESMPersistentArrayList.class,v
                                            2,341 ListEvent.class,v
5,229 bytes
10/24/2003
                02:09p
                    2 File(s)
 Directory of D:\cvs\cmm\esmutil\build\com\ksil\esmutil\lock
01/01/1601 12:00a
                                <DTR>
                                                   Page 35
```

```
dir.txt
01/01/1601
10/24/2003
10/24/2003
                  12:00a
                                    <DIR>
                  02:09p
                                                  1,529 DistributedLock$1.class,v
                  02:09p
                                                  1,896 DistributedLock$LockWaiter.class,v
10/24/2003
10/24/2003
                  02:09p
                                                 6,229 DistributedLock.class,v
                  02:09p
                                                 6,621 LockManager.class,v
                                                 1,089 Mutex.class,v
 10/24/2003
                  02:09p
                       5 File(s)
                                                 17,364 bytes
  Directory of D:\cvs\cmm\esmutil\build\com\ksil\esmutil\logging
01/01/1601
01/01/1601
10/31/2003
10/24/2003
10/24/2003
10/24/2003
10/24/2003
10/24/2003
10/24/2003
                  12:00a
12:00a
                                    <DIR>
                                    <DIR>
                  04:01p
                                    <DIR>
                                                          monitor
                  02:09p
                                                    636 BroadcastTransportLogger$1.class,v
                                                 2,660 BroadcastTransportLogger$LogEntry.class,v
4,881 BroadcastTransportLogger.class,v
                  02:09p
                  02:09p
                                                 1,017 ILogger.class,v
                  02:09p
                                                 1,976 LoggerManager.class,v
3,517 MonitorApplet.class,v
                  02:09p
                  02:09p
                      6 File(s)
                                                  14.687 bytes
  Directory of D:\cvs\cmm\esmutil\build\com\ksil\esmutil\logging\monitor
01/01/1601
                  12:00a
                                    <DIR>
01/01/1601
01/01/1601
10/24/2003
10/24/2003
10/24/2003
10/24/2003
10/24/2003
                  12:00a
02:09p
                                    <DIR>
                                                  2,103 HighlightTable.class.v
                  02:09p
                                                  3,687 LogMonitorTableModel.class.v
                                                 2,675 PlaySound.class,v
                  02:09p
                                                 619 ResponseTimer$1.class,v
2,364 ResponseTimer$OrderAckStatistic.class,v
                  02:09p
                  02:09p
                  02:09p
                                                 6,665 ResponseTimer.class,v
10/24/2003
10/24/2003
10/24/2003
                  02:09p
                                                 2,640 TransportLogListener.class,v
                                                 3,143 TransportLogMonitorApplication.class,v
2,746 TransportLogMonitorFrame$1.class,v
                  02:09p
                  02:09p
10/24/2003
                                                 5,776 TransportLogMonitorFrame.class,v
32,418 bytes
                  02:09p
                     10 File(s)
 Directory of D:\cvs\cmm\esmutil\build\com\ksil\esmutil\map
01/01/1601
01/01/1601
10/24/2003
10/24/2003
10/24/2003
10/24/2003
                  12:00a
                                    <DIR>
                  12:00a
                                    <DIR>
                  02:09p
                                                 2,422 ESMMap.class,v
                 02:09p
02:09p
                                                 3,422 ESMPersistentMap.class,v
                                                 2,836 MapEvent.class,v
2,281 StringSerializer.class,v
                  02:09p
                                                 10,961 bytes
                      4 File(s)
 Directory of D:\cvs\cmm\esmutil\build\com\ksil\esmutil\persistence
01/01/1601
01/01/1601
10/24/2003
10/24/2003
                 12:00a
12:00a
                                   <DIR>
                                   <DIR>
                 02:09p
                                                    832 IESMSerializable.class,v
                 02:09p
                                                    685 ITransactionLog.class,v
10/24/2003
10/24/2003
10/24/2003
                 02:09p
02:09p
                                                    615
                                                         ITransactionLogHandler.class, v
                                                    644 PersistentSequenceNumber$1.class,v
                 02:09p
                                                 2,684
PersistentSequenceNumber$PersistentSequenceNumberSeriali.class,v
10/24/2003 02:09p 2,493 PersistentSequenceNumber.class,v
10/24/2003 02:09p 614 TransactionLog$1.class,v
10/24/2003 02:09p 1,954 TransactionLog$LogWaiter.class,v
                                                4,403 TransactionLog.class,v
7,666 TransactionLogManager.class,v
22,590 bytes
10/24/2003
                 02:09p
10/24/2003
                 02:09p
                    10 File(s)
                                                         Page 36
```

dir.txt

```
pirectory of D:\cvs\cmm\esmutil\build\com\ksil\esmutil\queue
01/01/1601
01/01/1601
10/24/2003
                               <DIR>
                12:00a
                12:00a
                               <DIR>
               02:09p
                                           2,973 ESMPersistentQueue.class,v
10/24/2003
10/24/2003
10/24/2003
                02:09p
                                             584 ESMQueue$1.class,v
                                           2,124 ESMQueue$QueueNode.class,v
                02:09p
                02:09p
                                           1,830 ESMQueue$QueueWaiter.class,v
                                           3,398 ESMQueue.class,v
1,542 ObjectWrapper.class,v
               02:09p
10/24/2003
10/24/2003
10/24/2003
               02:09p
               02:09p
                                           2,428 QueueEvent.class,v
                   7 File(s)
                                           14,879 bytes
 Directory of D:\cvs\cmm\esmutil\build\com\ksil\esmutil\security
                12:00a
                               <DIR>
01/01/1601
01/01/1601
10/24/2003
                12:00a
                               <DIR>
                                           1,742 SecurityDetails.class,v
               02:09p
                                           7,211 SecurityMapper.class,v
8,953 bytes
10/24/2003
               02:09p
                   2 File(s)
 pirectory of D:\cvs\cmm\esmutil\build\com\ksil\esmutil\stream
01/01/1601
01/01/1601
10/24/2003
                12:00a
                               <DIR>
                12:00a
                               <DIR>
                                           8,240 ConversionUtilities.class,v
1,926 ESMInputOutputStream.class,v
986 ESMInputStream$ResultPair.class,v
               02:09p
10/24/2003
10/24/2003
                02:09p
                02:09p
10/24/2003
10/24/2003
                02:09p
                                           3,398 ESMInputStream.class,v
                                           1,854 ESMOutputStream.class,v
1,312 offsetTracker.class,v
17,716 bytes
               02:09p
10/24/2003
               02:09p
                   6 File(s)
 Directory of D:\cvs\cmm\esmutil\build\com\ksil\esmutil\transport
01/01/1601
                12:00a
                               <DIR>
01/01/1601
                12:00a
                               <DIR>
10/24/2003
10/24/2003
10/24/2003
10/24/2003
               02:09p
                                              601 IBroadcastListener.class,v
                                             858 IESMBroadcastTransport.class,v
                02:09p
               02:09p
                                           1,044 IMapMessage.class,v
                                           1,303 TibcoBroadcastTransport$1.class,v
1,612 TibcoBroadcastTransport$2.class,v
               02:09p
10/24/2003
10/24/2003
10/24/2003
                02:09p
                                           3,145 TibcoBroadcastTransport.class,v
                02:09p
                                           3,424 TibcoMapMessage.class,v
1,609 TransportManager.class,v
               02:09p
10/24/2003
               02:09p
                                           13,596 bytes
                   8 File(s)
 Directory of D:\cvs\cmm\esmutil\src
01/01/1601
                12:00a
                               <DTR>
01/01/1601
                12:00a
                               <DIR>
10/31/2003
                               <DIR>
               04:01p
                                                   com
                                              599 .nbattrs,v
10/24/2003
               02:09p
                   1 File(s)
                                               599 bytes
 Directory of D:\cvs\cmm\esmutil\src\com
01/01/1601
               12:00a
                               <DIR>
01/01/1601
               12:00a
                               <DIR>
10/31/2003
                                                   esmutil
               04:01p
                               <DIR>
                   0 File(s)
                                                 0 bytes
                                                  Page 37
```

```
dir.txt
  Directory of D:\cvs\cmm\esmutil\src\com\esmutil
 01/01/1601
                12:00a
                                <DIR>
01/01/1601
10/31/2003
10/31/2003
10/31/2003
                12:00a
                               <DIR>
                04:01p
                                <DIR>
                                                   connection
                04:01p
                               <DIR>
                                                   database
                04:01p
                                <DIR>
                                                   exception
 10/31/2003
                04:01p
                               <DIR>
                                                   game
10/31/2003
10/31/2003
10/31/2003
10/31/2003
10/31/2003
10/31/2003
                04:01p
                                <DIR>
                                                   list
                04:01p
                               <DIR>
                                                   lock
                04:01p
                               <DIR>
                                                   logging
                04:01p
                               <DIR>
                                                   map
                04:01p
                               <DIR>
                                                   persistence
                04:01p
                               <DIR>
                                                   queue
10/31/2003
10/31/2003
                04:01p
                               <DIR>
                                                   security
                04:01p
                               <DIR>
                                                   stream
10/31/2003
                04:01p
                               <DIR>
                                                   transport
                    0 File(s)
                                                 0 bytes
  Directory of D:\cvs\cmm\esmutil\src\com\esmutil\connection
01/01/1601
                12:00a
                               <DIR>
01/01/1601
10/24/2003
10/24/2003
               12:00a
02:09p
02:09p
                               <DIR>
                                           1,883 ConnectionImpl.java,v
                                           3,710 ConnectionManager.java,v
10/24/2003
                02:09p
                                           1,071 IConnection.java,v
                    3 File(s)
                                            6,664 bytes
 Directory of D:\cvs\cmm\esmutil\src\com\esmutil\database
01/01/1601
01/01/1601
10/24/2003
10/24/2003
10/24/2003
10/24/2003
10/24/2003
                12:00a
                               <DIR>
                12:00a
                               <DIR>
                02:09p
                                           8,560 DBBase.java,v
               02:09p
02:09p
                                           2,139 DBManager.java,v
                                           2,559 DBQuery.java,v
1,496 IQuery.java,v
               02:09b
               02:09p
                                           7,484 QueryBase.java,v
10/24/2003
               02:09p
                                             783 QueryException.java,v
                   6 File(s)
                                           23,021 bytes
 Directory of D:\cvs\cmm\esmutil\src\com\esmutil\exception
01/01/1601
               12:00a
                               <DTR>
01/01/1601
               12:00a
                               <DIR>
10/24/2003
               02:09p
                                           1,226 ESMException.java,v
                   1 File(s)
                                            1,226 bytes
 Directory of D:\cvs\cmm\esmutil\src\com\esmutil\game
01/01/1601
01/01/1601
10/24/2003
10/24/2003
10/24/2003
10/24/2003
10/24/2003
10/24/2003
               12:00a
                               <DIR>
               12:00a
                               <DIR>
               02:09p
                                             599 .nbattrs,v
               02:09p
                                          7,401 GameServer.java,v
               02:09p
                                             391 GameServer.rmi,v
               02:09p
                                           1,307 IGameServer java,v
               02:09p
                                          1,477 IPlayer.java,v
2,453 Player.java,v
               02:09p
10/24/2003
               02:09p
                                             391 Player.rmi,v
                   7 File(s)
                                          14,019 bytes
 Directory of D:\cvs\cmm\esmutil\src\com\esmutil\list
01/01/1601 12:00a
                               <DTR>
                                                 Page 38
```

```
dir.txt
 01/01/1601
                   12:00a
                                      <DIR>
 10/24/2003
10/24/2003
                   02:09p
                                                    599 .nbattrs,v
3,887 ESMPersistentArrayList.java,v
                   02:09p
                   02:09p
                                                    3,555 ListEvent.java,v
8,041 bytes
 10/24/2003
                        3 File(s)
  Directory of D:\cvs\cmm\esmutil\src\com\esmutil\lock
01/01/1601
01/01/1601
                   12:00a
                                      <DIR>
                   12:00a
                                      <DIR>
10/24/2003
10/24/2003
10/24/2003
                                                  11,799 DistributedLock.java.v
                   02:09p
                                                  13,249 LockManager.java,v
1,238 Mutex.java,v
                   02:09p
                   02:09p
                        3 File(s)
                                                    26,286 bytes
  Directory of D:\cvs\cmm\esmutil\src\com\esmutil\logging
01/01/1601
01/01/1601
10/31/2003
10/24/2003
10/24/2003
10/24/2003
10/24/2003
                   12:00a
                                      <DIR>
                   12:00a
                                      <DIR>
                   04:01p
                                      <DTR>
                                                            monitor
                                                            .nbattrs,v
                   02:09p
                   02:09p
02:09p
                                                  10,229 BroadcastTransportLogger.java,v
                                                    1,641 ILogger.java,v
                                                    2,437 LoggerManager.java,v
                   02:09p
10/24/2003
                   02:09p
                                                    5,365 MonitorApplet.java,v
                        5 File(s)
                                                    20,267 bytes
 Directory of D:\cvs\cmm\esmutil\src\com\esmutil\logging\monitor
01/01/1601
                   12:00a
                                      <DIR>
01/01/1601
01/01/1601
10/24/2003
10/24/2003
10/24/2003
10/24/2003
10/24/2003
10/24/2003
10/24/2003
                   12:00a
                                      <DIR>
                                                 1,117 .nbattrs,v
2,636 HighlightTable.java,v
6,067 LogMonitorTableModel.java,v
1,975 PlaySound.java,v
10,851 ResponseTimer.java,v
3,381 TransportLogListener.java,v
3,988 TransportLogMonitorApplication.java,v
8,129 TransportLogMonitorFrame.java,v
                   02:09p
                   02:09p
                  02:09p
                   02:09p
                  02:09p
                  02:09p
02:09p
10/24/2003
                  02:09p
                       8 File(s)
                                                   38,144 bytes
 Directory of D:\cvs\cmm\esmutil\src\com\esmutil\map
01/01/1601
01/01/1601
10/24/2003
                  12:00a
                                     <DIR>
                  12:00a
02:09p
                                     <DIR>
                                                   3,110 ESMMap.java,v
5,130 ESMPersistentMap.java,v
10/24/2003
10/24/2003
                  02:09p
02:09p
                                                   4,633 MapEvent.java,v
3,075 StringSerializer.java,v
15,948 bytes
10/24/2003
                  02:09p
                       4 File(s)
 Directory of D:\cvs\cmm\esmutil\src\com\esmutil\persistence
01/01/1601
01/01/1601
10/24/2003
                  12:00a
                                     <DIR>
                  12:00a
                                     <DIR>
                                                   1,588 IESMSerializable.java,v
1,018 ITransactionLog.java,v
                  02:09p
10/24/2003
10/24/2003
10/24/2003
10/24/2003
                  02:09p
                  02:09p
                                                      712 ITransactionLogHandler.java,v
                                                   4,954 PersistentSequenceNumber.java,v
7,000 TransactionLog.java,v
                  02:09p
                  02:09p
10/24/2003
                                                 13,011 TransactionLogManager.java,v
                  02:09p
                                                   28,283 bytes
                       6 File(s)
```

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```
dir.txt
 Directory of D:\cvs\cmm\esmutil\src\com\esmutil\queue
01/01/1601
01/01/1601
10/24/2003
10/24/2003
10/24/2003
                12:00a
                                <DIR>
                12:00a
02:09p
                                <DTR>
                                            4,398 ESMPersistentQueue.java,v
                                            7,304 ESMQueue.java,v
                02:09p
                02:09p
                                            2,243 Objectwrapper.java,v
                                            3,973 QueueEvent.java,v
17,918 bytes
10/24/2003
                02:09p
                    4 File(s)
 Directory of D:\cvs\cmm\esmutil\src\com\esmutil\security
01/01/1601
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01/01/1601
                12:00a
                                <DIR>
10/24/2003
10/24/2003
                02:09p
                                           16,787 .SecurityMapper.java.swp,v
3,029 SecurityDetails.java,v
                02:09p
                                           14,974 SecurityMapper.java,v
10/24/2003
                02:09p
                    3 File(s)
                                            34,790 bytes
 Directory of D:\cvs\cmm\esmutil\src\com\esmutil\stream
01/01/1601
01/01/1601
10/24/2003
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                12:00a
                                <DTR>
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                                           22,836 ConversionUtilities.java,v
09/19/2003
10/24/2003
10/24/2003
10/24/2003
                                           22,704 ConversionUtilities.my,v
                11:11a
                02:09p
                                            2,469 ESMInputOutputStream.java,v
                02:09p
                                            6,760 ESMInputStream.java,v
                                            2,595 ESMOutputStream.java,v
2,112 OffsetTracker.java,v
59,476 bytes
                02:09p
10/24/2003
                02:09b
                    6 File(s)
 Directory of D:\cvs\cmm\esmutil\src\com\esmutil\transport
01/01/1601
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01/01/1601
01/01/1601
10/24/2003
10/24/2003
10/24/2003
                12:00a
                                <DIR>
                02:09p
                                               706 IBroadcastListener.java,v
                                            1,476 IESMBroadcastTransport.java,v
3,109 IMapMessage.java,v
7,273 TibcoBroadcastTransport.java,v
                02:09p
                02:09p
                02:09p
10/24/2003
10/24/2003
                                            6,095 TibcoMapMessage.java,v
1,773 TransportManager.java,v
                02:09p
                02:09p
                                            20,432 bytes
                    6 File(s)
 Directory of D:\cvs\cmm\mds
01/01/1601
01/01/1601
10/31/2003
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                12:00a
                                <DIR>
                04:01p
                                                    build
                                <DIR>
10/31/2003
09/08/2003
                04:01p
                                                    src
                                <DIR>
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                                               518 build.bat,v
                                            1,486 build.xml,v
2,004 bytes
09/08/2003
                06:30a
                    2 File(s)
 Directory of D:\cvs\cmm\mds\build
01/01/1601
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01/01/1601
               12:00a
                                <DIR>
10/31/2003
               04:01p
                                <DIR>
                                                   kts
                    0 File(s)
                                                  0 bytes
 Directory of D:\cvs\cmm\mds\build\kts
01/01/1601 12:00a
                                <DIR>
                                                   Page 40
```

```
dir.txt
                                    <DIR>
01/01/1601
                  12:00a
10/31/2003
                  04:01p
                                    <DIR>
                                                           com
10/31/2003
10/31/2003
                  04:01p
                                                           model
                                    <DIR>
                  04:01p
                                    <DIR>
                                                           services
                                                           util
                  04:01p
                                    <DIR>
10/31/2003
                       0 File(s)
                                                          0 bytes
 Directory of D:\cvs\cmm\mds\build\kts\com
01/01/1601
01/01/1601
                  12:00a
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01/01/1601
09/08/2003
09/08/2003
09/08/2003
09/08/2003
09/08/2003
09/08/2003
09/08/2003
09/08/2003
09/08/2003
09/08/2003
09/08/2003
09/08/2003
09/08/2003
                  12:00a
                                     <DIR>
                                                  4,411 Formatter.class,v
6,344 Parser.class,v
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                  06:30a
                  06:30a
                                                  2,698 RRSubscriber.class,v
                                                  611 RvListener.class,v
704 RvListenerData.class,v
3,067 RvPublisher.class,v
                  06:30a
                  06:30a
                  06:30a
                  06:30a
                                                  1,559 RvSubscriber$1.class,v
                                                     923 RvSubscriber$Listener.class,v
904 RvSubscriber$ReplyCB.class,v
                   06:30a
                  06:30a
06:30a
                                                  9,922 RvSubscriber.class,v
                                                  2,058 SerializedHandler.class,v
                   06:30a
                                                  1,608 Simulator$1.class,v
3,160 Simulator$Generator.class,v
                   06:30a
06:30a
                                                      937 Simulator$SimListener.class,v
                   06:30a
                                                  2,927 Simulator.class,v
502 Worker.class,v
09/08/2003
                   06:30a
09/08/2003
                   06:30a
                      16 File(s)
                                                  42,335 bytes
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01/01/1601
                   12:00a
                                     <DTR>
09/08/2003
09/08/2003
09/08/2003
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1,680 TestLsp.class,v
                   06:30a
                   06:30a
                                                  1,518 TestMarketState.class, v
                   06:30a
                       3 File(s)
                                                    4,653 bytes
  Directory of D:\cvs\cmm\mds\build\kts\services
01/01/1601
01/01/1601
09/08/2003
09/08/2003
09/08/2003
09/08/2003
09/08/2003
09/08/2003
09/08/2003
09/08/2003
                   12:00a
                                     <DIR>
                   12:00a
                                     <DIR>
                   06:30a
                                                  1,632 Alert.class,v
                                                     879 ApplyQuote.class,v
546 ApplyQuoteListener.class,v
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                   06:30a
06:30a
                                                  1,986 ApplyQuoteService.class,v
                                                      779 AqCommand.class,v
                   06:30a
                                                      544 AqCommandListener.class,v
                   06:30a
                                                  2,870 AqCommandService.class,v
3,047 AqInfo.class,v
                   06:30a
                   06:30a
09/08/2003
09/08/2003
09/08/2003
09/08/2003
09/08/2003
09/08/2003
09/08/2003
09/08/2003
09/08/2003
09/08/2003
09/08/2003
09/08/2003
                                                      538 AqInfoListener.class,v
                   06:30a
                                                  2,393 AqInfoService.class,v
685 CustomerOrderReflection.class,v
                   06:30a
                   06:30a
                   06:30a
                                                      572 CustomerOrderReflectionListener.class,v
                                                 2,063 CustomerOrderReflectionService.class,v
12,641 DBConn.class,v
                   06:30a
                   06:30a
                   06:30a
                                                  6,898 DBCreate.class,v
                                                   4,248 DBSer.class,v
                   06:30a
                                                  3,001 Fx.class,v
530 FxListener.class,v
                   06:30a
                   06:30a
                   06:30a
                                                  1,895 FxService.class,v
                                                  1,112 IdMap.class,v
                   06:30a
09/08/2003
                   06:30a
                                                   3,083 Index.class,v
                                                           Page 41
```

```
dir.txt
09/08/2003
09/08/2003
09/08/2003
                                                      536 IndexListener.class,v
2,047 IndexService.class,v
                    06:30a
06:30a
                    06:30a
                                                          716 KTBbo.class,v
09/08/2003
09/08/2003
09/08/2003
09/08/2003
09/08/2003
09/08/2003
09/08/2003
09/08/2003
09/08/2003
09/08/2003
09/08/2003
                    06:30a
                                                          910 KTBidAsk.class.v
                                                          661 KTCurrencyQuote.class,v
623 KTEntity.class,v
                    06:30a
06:30a
                    06:30a
                                                      2,096 KTExOrder.class,v
                    06:30a
                                                      1,040 KTExOrderAck.class,v
                    06:30a
06:30a
                                                          627 KTFirmReference.class,v
                                                          866 KTMMQuote_class,v
                    06:30a
                                                          858 KTQuote.class,v
                    06:30a
06:30a
                                                       1,090 KTRequestForService.class,v
                                                      2,279 KTTrade.class,v
770 KTTradeParty.class,v
09/08/2003
09/08/2003
09/08/2003
09/08/2003
09/08/2003
09/08/2003
09/08/2003
09/08/2003
09/08/2003
09/08/2003
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09/08/2003
09/08/2003
09/08/2003
09/08/2003
09/08/2003
09/08/2003
09/08/2003
09/08/2003
09/08/2003
                    06:30a
                                                      5,512 Lsp.class,v
532 LspListener.class,v
1,377 LspRequest$1.class,v
                    06:30a
                    06:30a
06:30a
                                                      3,171 LspRequest.class,v
2,540 LspService.class,v
901 MarketState.class,v
                    06:30a
                    06:30a
06:30a
                    06:30a
                                                          548 MarketStateListener.class,v
                                                      1,663 MarketStateService.class,v
                    06:30a
                    06:30a
06:30a
                                                      581 OrderListener.class,v
2,791 OrderService.class,v
                                                       1,490 ProductByVenue.class.v
                    06:30a
                                                      6,507 Quote.class,v
536 QuoteListener.class,v
                    06:30a
06:30a
                                                       1,389 QuoteRequest$1.class,v
                    06:30a
                                                      3,300 QuoteRequest.class,v
2,754 QuoteService.class,v
1,732 RRService.class,v
                    06:30a
                    06:30a
06:30a
                    06:30a
                                                          556 RRServiceListener.class,v
                                                      2,520 Service.class,v
557 StateListener.class,v
879 StateMsg.class,v
                    06:30a
                    06:30a
                    06:30a
09/08/2003
09/08/2003
09/08/2003
09/08/2003
                                                       3,320 StateService.class,v
                    06:30a
                                                      2,098 TestBboRR.class,v
538 TradeListener.class,v
                    06:30a
                    06:30a
06:30a
                                                       1,131 TradeService$1.class,v
                                                       2,029 TradeService.class,v
09/08/2003
                    06:30a
                       61 File(s)
                                                     118,013 bytes
 Directory of D:\cvs\cmm\mds\build\kts\util
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01/01/1601
09/08/2003
                    12:00a
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2,588 TableConfigRecord.class,v
5,699 bytes
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09/08/2003
                    06:30a
                         2 File(s)
 Directory of D:\cvs\cmm\mds\src
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01/01/1601
                    12:00a
                                        <DIR>
10/31/2003
                                                                kts
                    04:01p
                                        <DIR>
                         0 File(s)
                                                               0 bytes
 Directory of D:\cvs\cmm\mds\src\kts
01/01/1601
01/01/1601
10/31/2003
                    12:00a
                                        <DIR>
                    12:00a
                                        <DIR>
                    04:01p
                                        <DIR>
                                                                COM
10/31/2003
                    04:01p
                                        <DIR>
                                                                model
                                                               Page 42
```

```
dir.txt
   10/31/2003
                              04:01p
                                                          <DIR>
                                                                                            services
   10/31/2003 04:01p
                                                          <DIR>
                                                                                            util
                                     0 File(s)
                                                                                          0 bytes
    Directory of D:\cvs\cmm\mds\src\kts\com
  01/01/1601
01/01/1601
09/08/2003
                              12:00a
12:00a
                                                          <DIR>
                                                          <DIR>
                                                                            9,142 Formatter.java,v
15,257 Parser.java,v
3,070 RRSubscriber.java,v
                              06:30a
  09/08/2003
09/08/2003
09/08/2003
                              06:30a
                              06:30a
                              06:30a
                                                                                   867 RvListener.java,v
922 RvListenerData.java,v
  09/08/2003
09/08/2003
09/08/2003
09/08/2003
09/08/2003
09/08/2003
                              06:30a
                              06:30a
06:30a
                                                                            6,835 RvPublisher.java,v
17,959 RvSubscriber.java,v
3,484 SerializedHandler.java,v
                              06:30a
                              06:30a
                                                                               6,398 Simulator.java,v
                              06:30a
                                                                                   794 Worker.java,v
                                   10 File(s)
                                                                               64,728 bytes
    Directory of D:\cvs\cmm\mds\src\kts\model
  01/01/1601
01/01/1601
09/08/2003
09/08/2003
                              12:00a
                                                         <DIR>
                              12:00a
                                                          <DIR>
                                                                              1,131 TestBbo.java,v
1,466 TestLsp.java,v
1,279 TestMarketState.java,v
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                             06:30a
  09/08/2003
                             06:30a
                                     3 File(s)
                                                                                 3,876 bytes
    Directory of D:\cvs\cmm\mds\src\kts\services
01/01/1601
01/01/1601
09/08/2003
09/08/2003
09/08/2003
09/08/2003
09/08/2003
09/08/2003
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09/08/2003
09/08/2003
09/08/2003
09/08/2003
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                                                                              2,120 Alert.java,v
                                                                             2,120 Alert.java,v
989 ApplyQuote.java,v
750 ApplyQuoteListener.java,v
2,086 ApplyQuoteService.java,v
919 AqCommand.java,v
751 AqCommandListener.java,v
3,311 AqCommandService.java,v
7,363 AqInfo.java,v
906 AqInfoListener.java,v
                             06:30a
                             06:30a
06:30a
                             06:30a
                             06:30a
06:30a
                             06:30a
                             06:30a
                                                                             3,587 AqInfoService.java,v
792 CustomerOrderReflection.java,v
967 CustomerOrderReflectionListener.java,v
                            06:30a
06:30a
                             06:30a
                            06:30a
06:30a
                                                                           2,143 CustomerOrderReflectionService.java,v
33,595 DBConn.java,v
11,990 DBCreate.java,v
                             06:30a
                                                                            11,990 DBCreate.java,v
7,083 DBSer.java,v
4,165 Fx.java,v
871 FxListener.java,v
2,693 FxService.java,v
1,377 IdMap.java,v
3,815 Index.java,v
956 IndexListener.java,v
2,334 IndexService.java,v
789 KTRho java,v
                             06:30a
                            06:30a
06:30a
                            06:30a
                            06:30a
                            06:30a
06:30a
                            06:30a
                            06:30a
06:30a
                                                                                 789 KTBbo.java,v
840 KTBidAsk.java,v
                            06:30a
                                                                                 678 KTCurrencyQuote.java,v
660 KTEntity.java,v
                            06:30a
                                                                             2,188 KTEXOrder.java,v
947 KTEXOrderAck.java,v
642 KTFirmReference.java,v
                            06:30a
06:30a
                            06:30a
                                                                                          Page 43
```

```
dir.txt
09/08/2003
                                                    788 KTMMQuote.java,v
                 06:30a
                                                 891 KTQuote.java,v
1,027 KTRequestForService.java,v
09/08/2003
                 06:30a
09/08/2003
09/08/2003
09/08/2003
09/08/2003
09/08/2003
09/08/2003
                 06:30a
                                                 2,998 KTTrade.java,v
                 06:30a
                                                   875 KTTradeParty.java,v
                 06:30a
                                               19,323 Lsp.java,v
878 LspListener.java,v
                 06:30a
06:30a
                                                 5,439 LspRequest.java,v
                 06:30a
                                                 2,919 LspService.java,v
09/08/2003
                 06:30a
09/08/2003
09/08/2003
09/08/2003
09/08/2003
09/08/2003
09/08/2003
09/08/2003
                 06:30a
06:30a
                                                   841 MarketState.java,v
760 MarketStateListener.java,v
                                                 2,214 MarketStateService.java,v
                 06:30a
                                                 948 OrderListener.java,v
2,893 OrderService.java,v
                 06:30a
                 06:30a
                                                 2,133 ProductByVenue.java.v
                 06:30a
                                               17,213 Quote.java,v
893 QuoteListener.java,v
5,320 QuoteRequest.java,v
                  06:30a
09/08/2003
09/08/2003
                 06:30a
06:30a
09/08/2003
09/08/2003
09/08/2003
09/08/2003
09/08/2003
                                                 3,515 QuoteService.java,v
                  06:30a
                 06:30a
06:30a
06:30a
                                                 1,914 RRService.java,v
776 RRServiceListener.java,v
                                                 3,129 Service.java,v
                                                    913 StateListener.java,v
                  06:30a
09/08/2003
09/08/2003
                  06:30a
06:30a
                                                 1,551 StateMsg.java,v
4,835 StateService.java,v
                                                 2,099 TestBboRR.java,v
895 TradeListener.java,v
2,262 TradeService.java,v
09/08/2003
09/08/2003
                  06:30a
                 06:30a
06:30a
58 File(s)
09/08/2003
                                                192,549 bytes
  Directory of D:\cvs\cmm\mds\src\kts\util
01/01/1601
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                                    <DIR>
                  12:00a
                                    <DIR>
01/01/1601
09/08/2003
09/08/2003
                                                 4,111 Config.java,v
                  06:30a
                                                 4,293 TableConfigRecord.java,v
                  06:30a
                                                   8,404 bytes
                      2 File(s)
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01/01/1601
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01/01/1601
01/01/1601
10/31/2003
10/31/2003
09/08/2003
09/08/2003
09/08/2003
                  12:00a
                                    <DIR>
                                                          build
                  04:01p
                                    <DIR>
                  04:01p
                                                          src
                                    <DIR>
                                                    621 .nbattrs,v
                  06:30a
                                                    525 build.sh,v
                  06:30a
                  06:30a
                                                 2,026 build.xml,v
                                                   3,172 bytes
                      3 File(s)
  Directory of D:\cvs\cmm\nesbrass\build
01/01/1601
                  12:00a
                                    <DTR>
01/01/1601
10/31/2003
                  12:00a
                                    <DIR>
                  \bar{04}:01p
                                    <DIR>
                                                          COM
 10/31/2003
                  04:01p
                                    <DIR>
                                                          src
                      0 File(s)
                                                        0 bytes
  Directory of D:\cvs\cmm\nesbrass\build\com
01/01/1601
01/01/1601
                  12:00a
                                    <DIR>
                  12:00a
                                    <DIR>
                                                          ksil
 10/31/2003
                  04:01p
                                    <DIR>
                                                        0 bytes
                      0 File(s)
                                                         Page 44
```

dir.txt

```
Directory of D:\cvs\cmm\nesbrass\build\com\ksil
01/01/1601
01/01/1601
               12:00a
                              <DIR>
               12:00a
                              <DIR>
10/31/2003
               04:01p
                              <DIR>
                                               nesbrass
                  0 File(s)
                                              0 bytes
 Directory of D:\cvs\cmm\nesbrass\build\com\ksil\nesbrass
01/01/1601
01/01/1601
               12:00a
                              <DIR>
               12:00a
                              <DIR>
               04:01p
10/31/2003
                              <DIR>
                                                component
                  0 File(s)
                                              0 bytes
 Directory of D:\cvs\cmm\nesbrass\build\com\ksil\nesbrass\component
01/01/1601
01/01/1601
09/08/2003
09/08/2003
                              <DIR>
               12:00a
               12:00a
                              <DIR>
                                        9,345 NESComponent.class,v
2,596 NESParser.class,v
5,150 NESSession.class,v
1,919 OrderRule.class,v
4,529 SessionReaderThread.class,v
               06:30a
               06:30a
09/08/2003
09/08/2003
09/08/2003
               06:30a
               06:30a
               06:30a
                  5 File(s)
                                        23,539 bytes
 Directory of D:\cvs\cmm\nesbrass\build\src
01/01/1601
               12:00a
                              <DIR>
01/01/1601
10/31/2003
               12:00a
                             <DIR>
               04:01p
                              <DIR>
                                                esmbrass
                  0 File(s)
                                              0 bytes
 Directory of D:\cvs\cmm\nesbrass\build\src\esmbrass
01/01/1601
              12:00a
                             <DIR>
01/01/1601
              12:00a
                             <DIR>
10/31/2003
               04:01p
                             <DIR>
                                               src
                  0 File(s)
                                              0 bytes
 Directory of D:\cvs\cmm\nesbrass\build\src\esmbrass\src
01/01/1601
01/01/1601
              12:00a
                             <DIR>
              12:00a
                             <DIR>
10/31/2003
              04:01p
                             <DIR>
                                               COM
                  0 File(s)
                                              0 bytes
 Directory of D:\cvs\cmm\nesbrass\build\src\esmbrass\src\com
01/01/1601
              12:00a
                             <DIR>
01/01/1601
              12:00a
                             <DIR>
10/31/2003
              04:01p
                             <DIR>
                                               ksil
                  0 File(s)
                                              0 bytes
 Directory of D:\cvs\cmm\nesbrass\build\src\esmbrass\src\com\ksil
01/01/1601
              12:00a
                             <DIR>
01/01/1601
              12:00a
                             <DIR>
              04:01p
10/31/2003
                             <DIR>
                                               esmbrass
                  0 File(s)
                                              0 bytes
 Directory of D:\cvs\cmm\nesbrass\build\src\esmbrass\src\com\ksil\esmbrass
```

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```
dir.txt
              12:00a
01/01/1601
                            <DIR>
01/01/1601
10/31/2003
              12:00a
                            <DIR>
              04:01p
                                             constants
                            <DIR>
                 0 File(s)
                                            0 bytes
 Directory of D:\cvs\cmm\nesbrass\build\src\esmbrass\src\com\ksil\esmbrass\constants
              12:00a
01/01/1601
                            <DIR>
01/01/1601
09/08/2003
              12:00a
06:30a
                            <DIR>
                                     32,971 BrassFields.class,v
                  1 File(s)
                                      32,971 bytes
 Directory of D:\cvs\cmm\nesbrass\src
              12:00a
01/01/1601
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01/01/1601
10/31/2003
              12:00a
                            <DIR>
                                              . .
                                             COM
              04:01p
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 Directory of D:\cvs\cmm\nesbrass\src\com
              12:00a
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01/01/1601
01/01/1601
10/31/2003
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              12:00a
                                              ksil
              04:01p
                            <DIR>
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                                            0 bytes
 Directory of D:\cvs\cmm\nesbrass\src\com\ksil
                            <DIR>
01/01/1601
              12:00a
01/01/1601
              12:00a
                            <DIR>
                                             nesbrass
              04:01p
10/31/2003
                            <DIR>
                  0 File(s)
                                            0 bytes
 Directory of D:\cvs\cmm\nesbrass\src\com\ksil\nesbrass
01/01/1601
              12:00a
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              12:00a
01/01/1601
10/31/2003
                            <DIR>
              04:01p
                            <DIR>
                                              component
09/08/2003
                                         621 nbattrs, v
              06:30a
                                          621 bytes
                  1 File(s)
 Directory of D:\cvs\cmm\nesbrass\src\com\ksil\nesbrass\component
              12:00a
                            <DIR>
01/01/1601
01/01/1601
09/08/2003
              12:00a
                            <DIR>
              06:30a
                                         803 .nbattrs,v
                                     19,619 NESComponent.java,v
09/08/2003
              06:30a
                                      2,069 NESParser.java,v
09/08/2003
              06:30a
09/08/2003
09/08/2003
                                       6,906 NESSession java, v
              06:30a
                                      1,284 OrderRule.java,v
              06:30a
                                       6,080 SessionReaderThread.java,v
09/08/2003
              06:30a
                  6 File(s)
                                       36,761 bytes
 Directory of D:\cvs\ets
01/01/1601
01/01/1601
              12:00a
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              12:00a
                            <DIR>
                                              gui
10/31/2003
              04:01p
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10/31/2003
10/31/2003
10/31/2003
11/03/2003
                                              makerules
              04:01p
                            <DIR>
                                              pinnacle
              04:01p
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              01:10p
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                                              slicer
                                              sumosrvr
 11/03/2003
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              07:12a
10/31/2003
              04:01p
                             <DIR>
                                              tools
                                             Page 46
```

```
dir.txt
10/16/2003 01:17p
                                                     709 make.bash,v
                       1 File(s)
                                                       709 bytes
  Directory of D:\cvs\ets\gui
                  12:00a
01/01/1601
                                     <DIR>
01/01/1601
10/31/2003
                  12:00a
                                     <DIR>
                  04:01p
                                     <DIR>
                                                           components
                       0 File(s)
                                                          0 bytes
  Directory of D:\cvs\ets\gui\components
01/01/1601
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01/01/1601
01/01/1601
08/27/2003
08/27/2003
08/27/2003
                  12:00a
                                     <DIR>
                                                  1,532 CrownCheckBox.java,v
3,368 CrownFloatField.java,v
2,877 CrownIntField.java,v
                  01:32p
                  01:32p
                  01:32p
                                                 10,338 CrownTimeField.java,v
                  01:32p
                  01:32p
08/27/2003
                                                     645 Makefile, v
                       5 File(s)
                                                  18,760 bytes
  Directory of D:\cvs\ets\makerules
01/01/1601
                  12:00a
                                     <DTR>
01/01/1601
                  12:00a
                                     <DIR>
10/13/2003
08/27/2003
                                                     719 defs.mk,v
676 rules.mk,v
                  11:33a
                  01:32p
                       2 File(s)
                                                    1,395 bytes
  Directory of D:\cvs\ets\pinnacle
01/01/1601 12:00a
01/01/1601 12:00a
10/31/2003 04:01p
                                     <DIR>
                                     <DIR>
                                     <DIR>
                                                           bizobj
                                     <DTR>
                                                           custint
                                     <DIR>
                                                           db
                                     <DIR>
                                                           execengine
                                                           feedagents
                                     <DIR>
                                                           isld
                                     <DIR>
                                                           lib
                                     <DIR>
                                     <DIR>
                                                           mktaccess
                                     <DIR>
                                                           mktdata
10/31/2003
                  04:01p
                                     <DIR>
                                                           ordent
10/31/2003
10/31/2003
10/31/2003
                  04:01p
                                    <DIR>
                                                           run
                  04:01p
                                     <DIR>
                                                           sdp
                  04:01p
                                     <DIR>
                                                           sequencer
10/31/2003
                  04:01p
                                     <DIR>
                                                           test
                       0 File(s)
                                                          0 bytes
  Directory of D:\cvs\ets\pinnacle\bizobj
01/01/1601
01/01/1601
10/31/2003
10/31/2003
10/31/2003
10/31/2003
10/31/2003
                  12:00a
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                  12:00a
                                     <DIR>
                  04:01p
                                     <DIR>
                                                           account
                  04:01p
                                     <DIR>
                                                           base
                  04:01p
                                     <DIR>
                                                           calendar
                  04:01p
                                     <DIR>
                                                           contra
                  04:01p
                                                           firm
                                     <DIR>
10/31/2003
10/31/2003
10/31/2003
10/31/2003
                  04:01p
                                                           fix
                                     <DIR>
                  04:01p
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                                                           market
                  04:01p
                                     <DIR>
                                                           mktxs
                  04:01p
                                     <DIR>
                                                           order
10/31/2003
                  04:01p
                                     <DIR>
                                                           product
                                                          Page 47
```

```
dir.txt
10/31/2003
              04:01p
                             <DIR>
                                               program
10/31/2003
10/31/2003
10/31/2003
10/31/2003
10/31/2003
10/31/2003
              04:01p
                             <DIR>
                                               quote
                                               refdata
              04:01p
                             <DIR>
              04:01p
                             <DIR>
                                               rules
              04:01p
                             <DIR>
                                               trade
              04:01p
                                               trader
                             <DIR>
              04:01p
                             <DIR>
                                               trdent
                                        1,080 make.bash.v
10/13/2003
              11:33a
                  1 File(s)
                                         1,080 bytes
 Directory of D:\cvs\ets\pinnacle\bizobj\account
              12:00a
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01/01/1601
01/01/1601
               12:00a
                             <DIR>
08/27/2003
08/27/2003
08/27/2003
08/27/2003
                                        1,660 AccessType.java,v
1,714 AccountRole.java,v
              01:32p
              01:32p
                                        1,679 AccountType.java,v
              01:32p
                                        5,335 FirmAccount.java,v
              01:32p
08/27/2003
              01:32p
                                           646 Makefile, v
                                        11,034 bytes
                  5 File(s)
 Directory of D:\cvs\ets\pinnacle\bizobj\base
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01/01/1601
               12:00a
                             <DTR>
01/01/1601
                                        5,510 BusinessObject.java,v
10/22/2003
08/27/2003
               10:07a
                                           596 Makefile, v
               01:32p
                                        1,576 UpdateType.java,v
7,682 bytes
08/27/2003
               01:32p
                  3 File(s)
 Directory of D:\cvs\ets\pinnacle\bizobj\calendar
01/01/1601
01/01/1601
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               12:00a
                             <DIR>
08/27/2003
08/27/2003
                                           378 ..new, v
               01:32p
                                         5,876 Calendar.java,v
               01:32p
                                           570 Makefile, v
08/27/2003
               01:32p
                  3 File(s)
                                          6,824 bytes
 Directory of D:\cvs\ets\pinnacle\bizobj\contra
01/01/1601
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01/01/1601
                             <DIR>
08/27/2003
08/27/2003
08/27/2003
                                        7,358 Customer.java,v
               01:32p
01:32p
                                        1,653 CustomerType.java,v
               01:32p
                                           594 Makefile, v
                                          9,605 bytes
                  3 File(s)
 Directory of D:\cvs\ets\pinnacle\bizobj\firm
               12:00a
01/01/1601
                             <DIR>
01/01/1601
08/27/2003
               12:00a
                             <DIR>
                                        6,167 Firm.java,v
562 Makefile,v
               01:32p
08/27/2003
               01:32p
                                          6,729 bytes
                  2 File(s)
 Directory of D:\cvs\ets\pinnacle\bizobj\fix
01/01/1601
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01/01/1601
               12:00a
                             <DIR>
10/13/2003
                                                Attic
               11:32a
                              <DIR>
09/16/2003
                                        8,724 FIXMessage.java,v
               04:01p
                                         4,095 FIXParser.java,v
09/16/2003
               04:01p
                                               Page 48
```

```
dir.txt
 09/16/2003
08/27/2003
                                                    56,724 FIXTags.java,v
611 Makefile,v
                    04:01p
                    01:32p
                         4 File(s)
                                                      70,154 bytes
   Directory of D:\cvs\ets\pinnacle\bizobi\fix\Attic
 01/01/1601
01/01/1601
10/13/2003
10/13/2003
10/13/2003
                    12:00a
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                                       <DIR>
                    11:32a
                                                      8,849 FIXMessage.java,v
                    11:32a
                                                      4,220 FIXParser.java,v
                    11:32a
                                                    56,849 FIXTags.java,v
 10/13/2003
                    11:32a
                                                         687 Makefile,v
                         4 File(s)
                                                      70,605 bytes
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 01/01/1601
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 01/01/1601
08/27/2003
08/27/2003
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1,215 LiquiditySource.java,v
641 Makefile,v
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 08/27/2003
                    01:32p
10/06/2003
08/27/2003
10/06/2003
                    02:58p
                                                      8,459 Market.java,v
                                                      2,353 MarketState.java,v
2,208 MarketStateMsg.java,v
                    01:32p
                    02:58p
                         6 File(s)
                                                      19,615 bytes
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01/01/1601
08/27/2003
08/27/2003
                    12:00a
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                                                      5,583 ExecVenue.java,v
                    01:32p
                                                         591 Makefile, v
 08/27/2003
                    01:32p
                                                      2,855 OrderDest java, v
                                                       9,029 bytes
                         3 File(s)
  Directory of D:\cvs\ets\pinnacle\bizobi\order
01/01/1601
01/01/1601
10/06/2003
10/06/2003
10/06/2003
10/30/2003
10/13/2003
10/13/2003
10/06/2003
08/27/2003
10/16/2003
10/16/2003
10/16/2003
10/16/2003
10/16/2003
 01/01/1601
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                    12:00a
                                       <DIR>
                    02:57p
                                       <DIR>
                                                               Attic
                   02:57p
02:57p
                                                     2,129 BMW.java,v
2,257 Buysell.java,v
2,427 CommissionType.java,v
                    02:57p
                                                    27,827 CustOrder.java,v
4,765 CustOrderState.java,v
3,175 CustOrderUpdateType.java,v
                    08:41a
                    11:33a
                   02:57p
                                                     2,245 Demand.java,v
1,946 DisplayInstr.java,v
2,173 DisplayStatus.java,v
4,934 Executorijava,v
                   01:32p
                   02:57p
01:32p
                   01:07p
                                                   2,171 FirmCapacity.java,v
12,043 FirmOrder.java,v
3,425 FirmOrderState.java,v
                   02:57p
                   01:07p
                   01:07p
10/16/2003
10/06/2003
10/06/2003
10/30/2003
10/23/2003
08/27/2003
08/27/2003
10/06/2003
10/06/2003
                   02:57p
                                                     1,822 FirmOrderUpdateType.java,v
                   02:57p
02:57p
                                                     2,208 HandlingInstr.java,v
                                                   1,447 Makefile,v
27,272 Order.java,v
10,549 OrderBook.java,v
                   10:56a
                   08:24a
                   01:32p
01:32p
                                                     3,623 OrderState.javá,v
                                                     3,196 OrderUpdateType.java,v
                   02:57p
                                                     3,480 PriceInstr.java,v
                   02:58p
                                                     1,645 PriceTick.java,v
10/06/2003
                   02:57p
                                                     2,066 QtyInstr.java,v
                                                              Page 49
```

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dir.txt
                                                     9,887 Quote.java,v
10/30/2003
                    10:56a
                                                     2,325 ReferencePrice.java,v
2,260 RefPriceScope.java,v
2,508 RefPriceType.java,v
08/27/2003
08/27/2003
08/27/2003
10/06/2003
                    01:32p
                    01:32p
                   01:32p
                                                     2,369 Settlementinstr.jáva,v
                   02:57p
                                                   2,729 TimeInstr.java,v
150,903 bytes
10/30/2003
                    08:41a
                       29 File(s)
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01/01/1601
01/01/1601
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                                                     2,339 Demand.java,v
3,717 OrderState.java,v
10/06/2003
10/06/2003
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02:57p
                                                     3,290 OrderUpdateType.java,v
9,346 bytes
10/06/2003
                   02:57p
                         3 File(s)
  Directory of D:\cvs\ets\pinnacle\bizobj\product
01/01/1601
01/01/1601
08/27/2003
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                    12:00a
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                                                     2,916 InstrumentType.java,v
                    01:32p
08/27/2003
10/23/2003
08/27/2003
                                                       650 Makefile,v
,361 Product.java,v
                   01:32p
08:25a
                    01:32p
                                                     5,967 ProductAtVenue.java,v
08/27/2003
                                                     2,154 ProductState.java,v
                    01:32p
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                         5 File(s)
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01/01/1601
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01/01/1601
08/27/2003
                    12:00a
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                                                         568 Makefile, v
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                                                     5,288 Program.java,v
5,856 bytes
08/27/2003
                    01:32p
                         2 File(s)
  Directory of D:\cvs\ets\pinnacle\bizobj\quote
01/01/1601
01/01/1601
10/06/2003
08/27/2003
08/27/2003
08/27/2003
08/27/2003
08/27/2003
08/27/2003
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08/27/2003
08/27/2003
08/27/2003
08/27/2003
08/27/2003
08/27/2003
08/27/2003
08/27/2003
01/01/1601
                    12:00a
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                    12:00a
                                       <DIR>
                                                     Attic
1,186 Ask.java,v
2,415 Bbo.java,v
                    03:03p
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                    01:32p
                   01:32p
                                                     2,446 BestBidOffer.java,v
1,190 Bid.java,v
3,003 BidAsk.java,v
                    01:32p
                    01:32p
                   01:32p
                                                     3,087 BidOffer.java,v
4,907 LastSale.java,v
                   01:32p
                   01:32p
                   01:32p
01:32p
                                                        804 Makefile, v
                                                     4,598 MarkettByPrice.java,v
2,759 MMBid.java,v
2,091 MMBidOffer.java,v
2,795 MMOffer.java,v
2,078 MMQuote.java,v
                   01:32p
                   01:32p
                   01:32p
                   01:32p
                                                     1,543 MMType.java,v
1,200 offer.java,v
1,778 PriceTick.java,v
                   01:32p
                   01:32p
                   01:32p
                   01:32p
17 File(s)
                                                     2,804 Quote.java,v
                                                     40,684 bytes
 Directory of D:\cvs\ets\pinnacle\bizobj\quote\Attic
01/01/1601 12:00a
                                       <DIR>
                                                              Page 50
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dir.txt
 01/01/1601
10/06/2003
10/06/2003
10/06/2003
10/06/2003
10/06/2003
10/06/2003
10/06/2003
10/06/2003
10/06/2003
10/06/2003
10/06/2003
10/06/2003
10/06/2003
10/06/2003
10/06/2003
10/06/2003
  01/01/1601
                            12:00a
                                                      <DIR>
                            03:03p
                                                                         1,255 Ask.java.v
                                                                         2,484 Bbo.java,v
2,515 BestBidOffer.java,v
1,259 Bid.java,v
3,072 BidOffer.java,v
                            03:03p
                            03:03p
                            03:03p
                            03:03p
                            03:03p
                                                                         3,156 BidOffer.java,v
                            03:03p
                                                                         4,976 LastSale.java,v
                            03:03p
                                                                         873 Makefile,v
4,667 MarketByPrice.java,v
                            03:03p
                            03:03p
                                                                        2,828 MMBid.java,v
2,160 MMBidOffer.java,v
2,864 MMOffer.java,v
2,147 MMQuote.java,v
                           03:03p
                           03:03p
                           03:03p
                                                                        1,606 MMType.java,v
1,269 Offer.java,v
1,877 PriceTick.java,v
                           03:03p
                           03:03p
                           03:03p
                           03:03p
  10/06/2003
                                                                         2,873 Quote.java,v
                                17 File(s)
                                                                        41,851 bytes
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 01/01/1601
01/01/1601
08/27/2003
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                                                                        568 Makefile,v
6,741 RefData.java,v
7,309 bytes
                           01:32p
  10/06/2003
                           02:59p
                                  2 File(s)
   Directory of D:\cvs\ets\pinnacle\bizobj\rules
01/01/1601

01/01/1601

08/27/2003

08/27/2003

10/06/2003

08/27/2003

10/16/2003

08/27/2003

10/23/2003

10/06/2003

08/27/2003

08/27/2003

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08/27/2003

10/16/2003

10/16/2003

10/16/2003

10/16/2003

10/16/2003

10/16/2003

10/16/2003

10/16/2003
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5,726 CommissionRule.java,v
                          02:59p
                                                                        4,678 ExecOption.java,v
                                                                        1,837 Execoption.java,v
1,071 Makefile,v
5,174 ManningRule.java,v
                          01:32p
01:07p
                          01:32p
                                                                     5,174 ManningRule.java,v
6,593 OrderDisplayRule.java,v
10,178 OrderEntryRule.java,v
6,642 PositionLimitRule.java,v
7,938 PricingRule.java,v
3,270 ReportingRule.java,v
10,387 RulesCache.java,v
2,934 RulesKey.java,v
3,612 RuleType.java,v
2,811 ShortSellRule.java,v
1,521 t_rules.java,v
9,997 temp1.v
                          01:32p
08:25a
02:59p
                          01:32p
                          01:32p
11:24a
                          01:32p
                          01:07p
                          01:32p
                          12:08p
                                                                       9,997 temp1,v
                          01:32p
                          01:47p
02:59p
                                                                        2,070 TradingEntityType.java,v
                                                                     15,514 TradingRule.java,v
1,653 UptickBasis.java,v
                          01:32p
                              20 File(s)
                                                                     106,573 bytes
  Directory of D:\cvs\ets\pinnacle\bizobj\trade
01/01/1601
01/01/1601
10/06/2003
10/30/2003
                          12:00a
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                                                    <DIR>
                          03:00p
                                                                       1,722 BoughtSold.java,v
3,595 BuyerSeller.java,v
                          08:41a
09/16/2003
08/27/2003
10/06/2003
                                                                           803 Makefile,v
                          04:01p
                                                                       974 PositionPnL.java,v
7,388 ProfitAndLoss.java,v
                          01:32p
                         03:00p
                                                                                   Page 51
```

```
dir.txt
                                                          36,789 Trade.java,v
3,651 TradeConditions.java,v
  10/30/2003
                       08:42a
  10/06/2003
                      03:00p
 10/06/2003
10/06/2003
                                                           3,531 TradeState.java,v
4,345 TradeUpdateType.java,v
62,798 bytes
                      03:00p
                      03:00p
                            9 File(s)
   Directory of D:\cvs\ets\pinnacle\bizobj\trader
 01/01/1601
01/01/1601
08/27/2003
08/27/2003
08/27/2003
08/27/2003
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01:32p
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                                                            615 Makefile,v
4,849 Trader.java,v
                      01:32p
                                                            2,459 TraderLevel.java,v
                      01:32p
                      01:32p
                                                            1,479 TraderType.java,v
                            4 File(s)
                                                             9,402 bytes
   Directory of D:\cvs\ets\pinnacle\bizobj\trdent
 01/01/1601
                      12:00a
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 01/01/1601
08/27/2003
10/16/2003
                      12:00a
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                                                           573 Makefile,v
7,677 TradingEntity.java,v
8,250 bytes
                      01:32p
                      01:07p
                            2 File(s)
   Directory of D:\cvs\ets\pinnacle\custint
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                                                            nasdag
                   04:01p
                                     <DTR>
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                  04:01p
                                     <DIR>
                                                            ugdf
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                                                           0 bytes
  Directory of D:\cvs\ets\pinnacle\feedagents\lib
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01/01/1601
10/30/2003
10/30/2003
10/30/2003
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12:22p
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                  12:22p
12:22p
12:22p
                                                   1,506 FeedPublisher.java,v
                                                   1,312 MsgBuffer.java,v
10/30/2003
                                                      825 RecoverFeedData.java,v
                       4 File(s)
                                                     5,928 bytes
 Directory of D:\cvs\ets\pinnacle\feedagents\nasdaq
01/01/1601
01/01/1601
10/30/2003
10/30/2003
10/30/2003
10/30/2003
10/30/2003
10/30/2003
                  12:00a
                                     <DIR>
                  12:00a
                                     <DIR>
                  12:23p
12:23p
12:23p
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558 GeneralAdminMsg.java,v
                                                  4,708 NasdaqAdapter.java,v
7,575 NasdaqMsg.java,v
1,064 NasdaqPacket.java,v
                  12:23p
12:23p
                                                      653 TradingActionMsg.java,v
                  12:23p
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                                                   15,848 bytes
 Directory of D:\cvs\ets\pinnacle\feedagents\ngds
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01/01/1601
10/30/2003
                  12:00a
12:23p
                                     <DIR>
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2,743 LongQuote.java,v
10/30/2003
                  12:23p
10/30/2003
10/30/2003
10/30/2003
                                                   2,784 MktmkrLongQuote.java,v
                  12:23p
12:23p
                                                  2,571 MktmkrShortQuote.java,v
4,461 NQDSAdapter.java,v
1,501 NQDSFeed.java,v
                  12:23p
10/30/2003
10/30/2003
10/30/2003
                  12:23p
                  12:23p
12:23p
                                                  2,074 ShortInsideAppendage.java,v
2,670 ShortQuote.java,v
20,987 bytes
                       8 File(s)
 Directory of D:\cvs\ets\pinnacle\feedagents\uqdf
```

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dir.txt

```
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01/01/1601
10/30/2003
10/30/2003
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                    12:25p
                                                       3,160 LongUQDFQuote.java,v
10/30/2003
10/30/2003
10/30/2003
                    12:25p
12:25p
12:25p
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                                                       2,622 ShortUQDFQuote.java,v
                                                       3,061 UQDFAdapter.java,v
                                                       1,505 UODFFeed.java,v
14,095 bytes
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01/01/1601
10/06/2003
10/06/2003
10/06/2003
10/06/2003
10/06/2003
10/06/2003
10/06/2003
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                                                       753 DebugMsg.java,v
1,128 LoginAckMsg.java,v
                    03:10p
                    03:10p
                                                       851 LoginNackMsg.java,v
1,548 LoginReqMsg.java,v
                    03:10p
                    03:10p
03:10p
                                                           653 LogoutReqMsg.java,v
                                                           552 Makefile,v
                    04:50p
                                                       3,458 Packet.java,v
671 ServerHeartbeatMsg.java,v
10,285 bytes
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10/06/2003
                    03:10p
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01/01/1601
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10/27/2003
09/16/2003
10/06/2003
10/06/2003
                                                                 Attic
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                                                           237 AutoEx.java,v
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6,112 CrossOrders.java,v
3,353 ExecAlgorithm.java,v
                    04:51p
                    04:02p
                    04:31p
10/06/2003
10/06/2003
10/06/2003
10/06/2003
10/06/2003
10/06/2003
10/06/2003
                                                       3,525 ExecAuto.java,v
6,151 ExecCross.java,v
2,452 ExecExtern.java,v
                    04:52p
                    04:52p
04:52p
                                                       4,224 ExecManning.java,v
1,578 ExecManual.java,v
2,770 ExecStreet.java,v
                    04:52p
                    04:52p
                     04:52p
                                                       6,406 Executil.java,v
1,547 Makefile,v
6,568 OMSOrder.java,v
3,430 OMSTrade.java,v
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10/06/2003
10/16/2003
10/06/2003
10/06/2003
10/06/2003
09/16/2003
10/06/2003
10/06/2003
                    12:09p
                    12:09p
                    04:31p
                    04:31p
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                                                      2,661 OpeningStats.java,v
17,965 OrderBook.java,v
3,359 OrderFile.java,v
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                     04:02p
                    04:02p
                                                       8,452 Preopen.java,v
1,291 StockOpen.java,v
2,228 SymbolSplit.java,v
                    04:31p
                    04:31p
09/16/2003
09/16/2003
                    04:02p
                    04:02p
                                                        2,978 TradeFile.java,v
                                                      101,244 bytes
                        23 File(s)
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 01/01/1601
01/01/1601
10/06/2003
10/06/2003
10/16/2003
                    12:00a
04:31p
                                         <DIR>
                                                           363 AutoEx.java,v
                                                        6,238 CrossOrders.java,v
                     04:33p
                                                       3,478 ExecAlgorithm.java,v
                    12:09p
                                                                 Page 58
```

```
dir.txt
 10/16/2003
10/16/2003
10/16/2003
                    12:09p
12:09p
                                                      3,651 ExecAuto.java,v
                                                      6,277 ExecCross.java,v
2,578 ExecExtern.java,v
4,350 ExecManning.java,v
                    12:09p
 10/16/2003
                    12:09p
 10/16/2003
10/16/2003
                    12:09p
12:09p
                                                    1,704 ExecManual.java,v
2,896 ExecStreet.java,v
18,091 OrderBook.java,v
 10/06/2003
10/06/2003
                    04:33p
                    04:33p
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 10/06/2003
                    04:33p
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 01/01/1601
01/01/1601
10/31/2003
10/31/2003
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                                                                arca
                    04:01p
                                        <DIR>
                                                                brut
 10/31/2003
10/31/2003
10/31/2003
10/31/2003
                    04:01p
                                        <DIR>
                                                                inca
                    04:01p
                                        <DIR>
                                                                is]d
                    04:01p
                                        <DIR>
                                                                lib
                    04:01p
                                        <DIR>
                                                                nasdag
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                                                              0 bytes
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 01/01/1601
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                                        <DIR>
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                                                              0 bytes
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 01/01/1601
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 01/01/1601
                    12:00a
                                        <DIR>
                         0 File(s)
                                                              0 bytes
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 01/01/1601
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 01/01/1601
                    12:00a
                                        <DIR>
                         0 File(s)
                                                              0 bytes
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01/01/1601
01/01/1601
10/06/2003
10/06/2003
09/16/2003
10/06/2003
10/06/2003
10/06/2003
10/06/2003
10/06/2003
10/06/2003
10/06/2003
10/06/2003
10/06/2003
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12:00a
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3,397 FromISLD.java,v
1,395 ISLD.java,v
700 Makefile,v
3,536 OrderAcceptedMsg.java,v
                    11:42a
                   03:27p
                   03:58p
                   03:58p
                   03:27p
                                                     1,755 OrderCancelledMsg.java,v
2,320 OrderCancelMsg.java,v
2,995 OrderEntryMsg.java,v
2,238 OrderExecutedMsg.java,v
                   11:42a
                   03:27p
                   11:42a
                   11:42a
                   11:42a
03:58p
                                                     1,475 OrderRejectedMsg.java,v
                                                     2,644 OUCHAdapter.java,v
1,004 SysEventMsg.java,v
                   11:42a
10/06/2003
10/06/2003
09/16/2003
                                                     2,978 ToISLD.java,v
1,364 TradeBrokenMsg.java,v
1,087 TryISLD.java,v
                   03:27p
                   11:42a
                   03:58p
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                                                     30,699 bytes
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Directory of D:\cvs\ets\pinnacle\mktaccess\lib Page 59

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dir.txt
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 01/01/1601
01/01/1601
10/06/2003
09/16/2003
10/06/2003
10/06/2003
10/06/2003
10/06/2003
10/06/2003
10/06/2003
10/06/2003
                      12:00a
                                           <DIR>
                      03:23p
03:58p
11:33a
                                                                     Attic
                                            <DIR>
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4,576 FIXAdapter.java,v
2,912 FIXAdapter.java,v
                      03:28p
                      03:58p
03:23p
                                                           4,282 FIXMapper.java,v
                                                           8,593 FromFIX.java,v
623 Makefile,v
                      03:23p
                      03:28p
03:23p
                                                               591 QHandler.java,v
                                                         4,884 t_fix.java,v
11,274 TOFIX.java,v
                      11:33a
                            9 File(s)
                                                           38,748 bytes
   Directory of D:\cvs\ets\pinnacle\mktaccess\lib\Attic
 01/01/1601
01/01/1601
10/06/2003
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                                                             1,139 bytes
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01/01/1601
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                                                                    0 bytes
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01/01/1601
10/31/2003
10/31/2003
10/31/2003
10/31/2003
10/31/2003
10/31/2003
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                     04:01p
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                                                                     brut
                     04:01p
                                           <DIR>
                                                                     inca
                     04:01p
                                           <DIR>
                                                                     isld
                     04:01p
                                           <DIR>
                                                                     lib
                     04:01p
                                           <DIR>
                                                                     nasdag
                           0 File(s)
                                                                   0 bytes
  Directory of D:\cvs\ets\pinnacle\mktdata\arca
01/01/1601
01/01/1601
10/28/2003
10/30/2003
10/07/2003
10/07/2003
10/07/2003
10/07/2003
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10/07/2003
10/07/2003
10/07/2003
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10/07/2003
10/07/2003
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                                                              983 ARCAFeed.java,v
                     10:01a
                                                              667 HeartbeatMsg.java,v
                     09:47a
                                                          840 LoginAckMsg.java,v
1,147 LoginNackMsg.java,v
1,137 LoginRegMsg.java,v
                     09:47a
                     09:47a
                     09:47a
                                                         1,137 LoginReqmsg.java,v
668 LogoffReqMsg.java,v
827 Makefile,v
3,554 Message.java,v
2,199 OrderAddMsg.java,v
1,964 OrderDelMsg.java,v
2,049 OrderModMsg.java,v
843 TestReqMsg.java,v
                     09:47a
                     10:08a
                     09:47a
                     09:47a
                     10:08a
                     09:47a
                     09:47a
                     09:47a
                                                             847 TestRespMsg.java,v
                                                          1,070 TryARCA.java,v
27,475 bytes
                     10:08a
                         15 File(s)
```

Directory of D:\cvs\ets\pinnacle\mktdata\brut

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01/01/1601
10/22/2003
10/06/2003
10/20/2003
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10/06/2003
10/28/2003
10/06/2003
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                     10:08a
                                          <DIR>
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983 BRUTFeed.java,v
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                     09:42a
                    04:00p
                                                             683 ClientHeartbeatMsg.java,v
                                                         1,050 DebugMsg.java,v
                     03:19p
                                                         1,050 bedgmsg.java,v
1,406 GoodbyeMsg.java,v
9,518 ITCHAdapter.java,v
1,272 LoginReqMsg.java,v
987 Makefile,v
2,446 MsgBuffer.java,v
                    03:19p
05:32p
                     03:19p
10/22/2003
10/20/2003
10/06/2003
10/06/2003
                     10:08a
                     09:51a
                                                         2,085 NewOrderMsg.java,v
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                                                         1,388 OrderModMsg.java,v
3,995 Packet.java,v
1,296 ServerHeartbeatMsg.java,v
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10/13/2003
10/06/2003
10/06/2003
                     11:33a
03:19p
                                                         1,292 SysEventMsg.java,v
                     03:19p
                                                         1,146 TryBRUT.java,v
1,255 WelcomeMsg.java,v
32,299 bytes
 10/13/2003
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 10/06/2003
                     03:19p
                         16 File(s)
  Directory of D:\cvs\ets\pinnacle\mktdata\brut\Attic
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 01/01/1601
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2,572 bytes
 10/22/2003
                     10:08a
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  Directory of D:\cvs\ets\pinnacle\mktdata\inca
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 01/01/1601
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01/01/1601
10/06/2003
10/06/2003
10/28/2003
10/20/2003
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03:19p
                                          <DIR>
                                                                    Attic
                                                          1,160 HeartbeatMsg.java,v
                                                        13,076 INCAAdapter.java,v
                     05:32p
                                                         983 INCAFeed.java,v
1,238 LoginAckMsg.java,v
                     09:41a
09/16/2003
09/16/2003
                     04:00p
                                                          1,122 LoginNackMsg.java,v
                     04:00p
                                                          1,493 LoginReqMsg.java,v
 10/06/2003
                     03:19p
                                                         899 LogoffReqMsg.java,v
1,172 Makefile,v
4,055 Message.java,v
10/06/2003
10/06/2003
10/13/2003
10/06/2003
09/16/2003
10/06/2003
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                     11:33a
                     03:19p
                                                         1,694 NewTradeMsg.java,v
3,383 OrderAddMsg.java,v
2,303 OrderDelMsg.java,v
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                     03:19p
                     03:19p
10/06/2003
10/06/2003
10/06/2003
10/06/2003
10/06/2003
10/06/2003
09/16/2003
10/06/2003
10/06/2003
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10/06/2003
10/13/2003
                                                          3,672 OrderModMsg.java,v
                     03:19p
                                                         1,323 PlaceholderMsg.java,v
1,253 SysEventMsg.java,v
                     03:19p
04:53p
                     03:19p
                                                             887 TestReqMsg.java,v
                                                         1,023 TestRespMsg.java,v
1,692 TradeAddMsg.java,v
1,694 TradeCorMsg.java,v
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                     04:53p
04:00p
                                                         1,398 TradeCxlMsg.java,v
1,396 TradeDelMsg.java,v
1,692 TradeModMsg.java,v
                     04:00p
                     04:53p
                     04:53p
                     04:00p
                                                             870 TryARCA.java,v
                                                         1,097 TryINCA.java,v
50,575 bytes
 10/13/2003
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                         24 File(s)
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12:00a
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 01/01/1601
                                          <DIR>
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```

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dir.txt
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 10/06/2003
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 10/06/2003
10/06/2003
                      04:37p
                                                            1,820 TradeCorMsg.java,v
                      04:37p
                                                           1,524 TradeCxlMsg.java,v
996 TryARCA.java,v
 10/06/2003
                      04:53p
                            4 File(s)
                                                              6,160 bytes
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01/01/1601
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10/06/2003
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                      03:19p
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683 ClientHeartbeatMsg.java,v
10/06/2003
09/16/2003
09/16/2003
10/28/2003
09/16/2003
09/16/2003
09/16/2003
10/06/2003
10/06/2003
10/06/2003
10/06/2003
10/06/2003
09/16/2003
09/16/2003
09/16/2003
                      04:00p
                                                          769 DebugMsg.java,v
11,297 ITCHAdapter.java,v
951 LoginAckMsg.java,v
                      04:00p
                      05:32p
                      04:00p
                                                                830 LoginNackMsg.java,v
                      04:00p
                                                            1,268 LoginReqMsg.java,v
665 LogoutReqMsg.java,v
                      04:00p
                      04:00p
                                                           1,549 NewTradeMsg.java,v
1,240 OrderCancelledMsg.java,v
                      04:00p
                      03:19p
                      04:00p
                      03:19p
                                                           1,441 OrderExecutedMsg.java,v
2,497 Packet.java,v
683 ServerHeartbeatMsg.java,v
                      03:19p
                      04:00p
                      04:00p
                                                           1,088 SysEventMsg.java,v
1,139 TradeCancelledMsg.java,v
1,070 TryISLD.java,v
31,231 bytes
10/06/2003
10/06/2003
10/22/2003
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                      03:19p
                      10:09a
                          18 File(s)
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01/01/1601
10/06/2003
10/06/2003
10/06/2003
10/06/2003
10/06/2003
10/06/2003
10/06/2003
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                      12:00a
                                            <DIR>
                                                           809 ClientHeartbeatMsg.java,v
895 DebugMsg.java,v
1,077 LoginAckMsg.java,v
                      03:19p
                      03:19p
                      03:19p
                                                           956 LoginNackMsg.java,v
1,394 LoginReqMsg.java,v
                      03:19p
                      03:19p
                      03:19p
                                                               791 LogoutReqMsg.java,v
                      03:19p
                                                           2,623 Packet.java,v
                                                             809 ServerHeartbeatMsg.java,v
9,354 bytes
10/06/2003
                      03:19p
                           8 File(s)
  Directory of D:\cvs\ets\pinnacle\mktdata\lib
01/01/1601
01/01/1601
10/30/2003
10/30/2003
10/30/2003
10/06/2003
10/06/2003
10/06/2003
10/06/2003
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4,772 LastSale.java,v
938 Makefile,v
4,428 MarketByPrice.java,v
2,798 MDFAdapter.java,v
2,265 MDPublisher.java,v
2,445 MsgBuffer.java,v
1,380 RecoverMktData.java,v
                      10:57a
                      10:57a
                      10:57a
                      10:57a
                      03:19p
03:19p
                      10:10a
10/06/2003
                     03:19p
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01/01/1601 12:00a
                                           <DIR>
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```

```
dir.txt
10/31/2003
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10/31/2003
10/31/2003
10/31/2003
10/31/2003
08/27/2003
08/27/2003
                                                      omdf
                04:01p
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                 04:01p
                                 <DIR>
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                 04:01p
                                                      uqdf
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                                              1,642 ClosingQuoteRecapMsg.java,v
931 GeneralAdminMsg.java,v
                01:32p
                01:32p
01:32p
                                                716 Makefile, v
                                              5,856 NasdaqAdapter.java,v
10/30/2003
                09:12a
                                              5,277 NasdaqMsg.java,v
1,615 NasdaqPacket.java,v
08/27/2003
10/30/2003
08/27/2003
                01:32p
                09:12a
                01:32p
7 File(s)
                                              1,039 TradingActionMsg.java,v
                                              17,076 bytes
 Directory of D:\cvs\ets\pinnacle\mktdata\nasdaq\nqds
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01/01/1601
09/16/2003
09/16/2003
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                                              4,889 LongQuote.java,v
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08/27/2003
10/30/2003
10/30/2003
09/16/2003
                01:32p
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                                              2,715 NQDSFeed.java,v
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4,783 ShortQuote.java,v
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7 File(s)
09/16/2003
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01/01/1601
09/16/2003
09/16/2003
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09/16/2003
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                                              4,768 LongQuote.java,v
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2,715 OMDFFeed.java,v
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                                              4,658 ShortQuote.java,v
09/16/2003
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03:19p
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4,771 LastSale.java,v
10/06/2003
10/06/2003
                                              4,427 MarketByPrice.java,v
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                 03:19p
                                              4,618 MktMkrQuotes.java,v
3,766 SdpMDFAdapter.java,v
10/06/2003
10/06/2003
10/06/2003
                 03:19p
                 03:19p
                                              1,973 SdpMDPublisher javá,v
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10/30/2003
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Directory of D:\cvs\ets\pinnacle\mktdata\nasdaq\uqdf

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dir.txt
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01/01/1601
09/16/2003
09/16/2003
08/27/2003
08/27/2003
09/16/2003
09/16/2003
08/27/2003
10/30/2003
10/30/2003
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643 uqdf.cfg,v
3,675 UQDFAdapter.java,v
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10/28/2003
10/28/2003
10/28/2003
10/28/2003
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5,159 CustOrderEntry.java,v
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2,368 EcnOrderEntry.java,v
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2,965 EntryPagine.java,v
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03:39p
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2100 Ordfile,v
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247 t_book.cfg,v
1,965 t_book.java,v
1,602 TradeCatevijava,v
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                      03:39p
                      03:39p
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1,557 OrderUpdate.java,v
3,114 bytes
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                     05:23p
10/28/2003
                            2 File(s)
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10/23/2003
10/31/2003
10/31/2003
10/31/2003
10/16/2003
10/16/2003
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                      04:01p
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                      04:01p
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01:22p
01:22p
                                                                416 brut_exec.cfg,v
451 brut_feed.cfg,v
10/16/2003
                                                                396 custint.cfg, v
10/16/2003
10/16/2003
10/16/2003
                                                                479 fix_session,v
                      01:22p
                                                                404 logger.cfg,v
337 t_fix.cfg,v
                      01:09p
                     01:22p
                           6 File(s)
                                                               2,483 bytes
 Directory of D:\cvs\ets\pinnacle\run\Attic
```

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dir.txt 01/01/1601 01/01/1601 10/23/2003 10/23/2003 10/23/2003 10/23/2003 10/23/2003 10/23/2003 12:00a <DTR> 12:00a <DIR> 542 brut_exec.cfg,v 577 brut_feed.cfg,v 08:34a 08:34a 08:33a 522 custint.cfg,v 605 fix_session,v 08:33a 530 logger.cfg,v 463 t_fix.cfg,v 08:33a 08:33a 6 File(s) 3,239 bytes Directory of D:\cvs\ets\pinnacle\run\cfg 01/01/1601 01/01/1601 10/23/2003 10/23/2003 10/23/2003 10/23/2003 10/23/2003 10/23/2003 10/23/2003 10/23/2003 10/23/2003 10/23/2003 <DIR> 12:00a 12:00a <DIR> 451 BRUTBook.cfg.v 08:34a 416 BRUTExec.cfg, v 08:34a 478 CustomerInterface.cfg, v 08:32a 2,286 db_table_to_class_map,v 401 DBDump.cfg,v 08:32a 08:32a 08:32a 08:32a 438 ExecEngine.cfg, v 421 fix_session,v 124,686 FIX42.xml,v 402 OMSLogger.cfg,v 08:32a 08:32a 08:32a 437 Sequencer.cfg,v 10 File(s) 130,416 bytes Directory of D:\cvs\ets\pinnacle\run\ref 01/01/1601 01/01/1601 10/21/2003 10/16/2003 10/21/2003 10/21/2003 10/21/2003 10/21/2003 10/21/2003 10/21/2003 10/21/2003 10/21/2003 10/21/2003 10/21/2003 10/21/2003 10/21/2003 10/21/2003 10/21/2003 10/21/2003 10/21/2003 <DIR> 01/01/1601 12:00a 12:00a 04:04p <DIR> 1,665 tbl_ref_account,v 188 tbl_ref_account.memo,v 461 tbl_ref_calendar,v 188 tbl_ref_calendar.memo,v 01:09p 04:04p 01:09p 619 tbl_ref_customer,v 04:04p 188 tbl_ref_customer.memo,v 475 tbl_ref_exchange,v 188 tbl_ref_exchange.memo,v 01:09p 04:04p 01:09p 479 tbl_ref_exec_venue,v 595 tbl_ref_firm,v 188 tbl_ref_firm.memo,v 573 tbl_ref_market,v 04:04p 04:04p 01:09p 04:04p 188 tbl_ref_market.memo,v 429 tbl_ref_order_dest,v 679 tbl_ref_product,v 01:09p 04:04p 04:04p 188 tbl_ref_product.v 527 tbl_ref_product_at_venue,v 188 tbl_ref_product_at_venue.memo,v 1,956 tbl_ref_trader,v 01:09p 10/21/2003 10/16/2003 10/21/2003 10/16/2003 04:04p 01:09p 04:04p 188 tbl_ref_trader.memo,v 01:09p 10,150 bytes 20 File(s) Directory of D:\cvs\ets\pinnacle\run\rules 12:00a 12:00a 01/01/1601 <DIR> 01/01/1601 10/21/2003 <DIR> 533 tbl_rule_commission,v 04:04p 10/21/2003 10/16/2003 10/21/2003 10/21/2003 10/16/2003 188 tbl_rule_commission.memo,v 1,421 tbl_rule_key,v 01:09p 04:04p 188 tbl_rule_key.memo,v 01:09p 537 tb]_rule_manning,v 04:04p 188 tbl_rule_manning.memo, v

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01:09p

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dir.txt

```
10/21/2003
10/16/2003
10/21/2003
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10/21/2003
10/16/2003
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10/16/2003
10/21/2003
10/16/2003
10/16/2003
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                                                                 188 tbl_rule_order_display.memo
586 tbl_rule_order_entry,v
188 tbl_rule_order_entry.memo,v
529 tbl_rule_pos_limit,v
188 tbl_rule_pos_limit.memo,v
559 tbl_rule_pricing,v
188 tbl_rule_pricing.memo,v
465 tbl_rule_reporting,v
188 tbl_rule_reporting.memo,v
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188 tbl_rule_short_sell.memo,v
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                       04:04p
                                                                  567 tbl_rule_trading,v
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 10/16/2003
                                                                  188 tbl_rule_trading.memo,v
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10/31/2003
08/27/2003
08/27/2003
08/27/2003
08/27/2003
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08/27/2003
08/27/2003
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2,747 Sdp.java,v
2,920 SdpAccess.java,v
1,593 SdpConnection.java,v
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01:32p
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01:32p
                                                                  964 SdpHBeatEchoer java, v
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905 SdpLogoffReq.java,v
1,044 SdpLogoffResp.java,v
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                                                              1,836 SdpLogonResp.java,v
                       01:32p
                                                             348 SdpMenuReq.java,v
1,330 SdpMenuResp.java,v
4,779 SdpMsg.java,v
732 SdpMsgHandler.java,v
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                       04:01p
                       01:32p
                                                             1,290 SdpNackResp.java,v
1,808 SdpSigninReq.java,v
1,445 SdpSigninResp.java,v
1,204 SdpSignoutReq.java,v
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                      01:32p
                       01:32p
                                                              1,273 SdpSignoutResp.java,v
                                                             2,818 SdpTransport.java,v
35,537 bytes
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01/01/1601
01/01/1601
08/27/2003
09/16/2003
08/27/2003
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08/27/2003
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1,258 ExecRegResp.java,v
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                                                              1,140 SumoExecAck.java,v
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```

```
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 10/06/2003 11:42a
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08/27/2003
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                    11:24a
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                                                    1,140 SumoOrderEntryResp.javá,v
3,118 SumoQuoteUpdateReq.java,v
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                                                    1,766 SumoQuoteUpdateResp.java,v
1,255 TxnSrvrDeRegReq.java,v
1,138 TxnSrvrDeRegResp.java,v
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                                                    1,131 TxnSrvrErrorCodeResp.java,v
1,362 TxnSrvrMsgType.java,v
1,270 TxnSrvrRegReq.java,v
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08/27/2003
08/27/2003
08/27/2003
                                                   1,190 TxnSrvrRegResp.java,v
1,374 TxnSrvrReqHdr.java,v
1,596 TxnSrvrRespHdr.java,v
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01/01/1601
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                                                    1,229 Sequencer.java,v
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01/01/1601
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369 TestPublisher.cfg,v
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10/24/2003
10/24/2003
                  01:52p
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01:52p
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360 TestSubscriber.cfg,v
                                                   1,081 TestSubscriber.java,v
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08/27/2003
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                                                      592 Logger.cfg,v
                                                            Page 67
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10/06/2003
10/06/2003
10/06/2003
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08/27/2003
08/27/2003
08/27/2003
08/27/2003
08/27/2003
10/06/2003
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                                                    o,040 Quoteupuater.java,v
611 slicer.cfg,v
11,832 slicer.java,v
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378 slicer_specs.memo,v
6,927 slicerspecs.java,v
4,488 sliceTableModel.java,v
21 037 slicingApp java,v
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                    11:23a
01:32p
                                                     21,037 SlicingApp.java,v
4,172 StartSlicer.java,v
4,195 StatusTable.java,v
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10/06/2003
10/22/2003
                                                     4,616 ExecListener.java,v
691 Makefile,v
13,590 OrderSender.java,v
1,023 OUCHClient.java,v
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                    11:57a
08:52a
                    04:46p
                                                          620 OUCHMsgDumper.jáva,v
                    04:46p
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                                                          694 Producer.java,v
                    04:46p
                                                       4,486 RefNumMap.java,v
3,789 SumoServer.java,v
4,003 t_ouchclient.java,v
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10/22/2003
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                    11:57a
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 10/21/2003
                    09:58a
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                                                       36,759 bytes
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10/06/2003
10/06/2003
10/06/2003
                                                       2,573 t_ouchclient.java,v
563 t_queue.java,v
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                                                       1,275 t_st.java,v
5,528 bytes
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10/31/2003
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 10/31/2003
10/31/2003
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                                                                util
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 08/27/2003
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 01/01/1601 12:00a
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                                                                Page 68
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dir.txt
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4,586 Database.java,v
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08/27/2003
08/27/2003
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                                                      694 DBCallback.java,v
                  01:32p
                                                       574 Makefile, v
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                                                     6,636 bytes
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10/27/2003
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10/30/2003
10/22/2003
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10/30/2003
10/30/2003
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7,796 Entity.java,v
11,213 EntityCollection.java,v
718 Makefile,v
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                   09:50a
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                  01:32p
08:39a
                                                    1,835 NameValuePair.java,v
                                                   5,352 NVPParser.java,v
6,825 Parser.java,v
                   06:43a
                   09:02a
                                                   9,386 STRParser.java,v
4,093 Subject.java,v
                   08:39a
                  08:39a
                       9 File(s)
                                                    48,784 bytes
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01/01/1601
01/01/1601
10/06/2003
08/27/2003
08/27/2003
10/06/2003
08/27/2003
08/27/2003
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1,090 HBeatHandler.java,v
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10/06/2003
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10/06/2003
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                                                   909 OnRecovery.java,v
1,979 RecordHeader.java,v
08/27/2003
08/27/2003
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42,597 bytes
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10/23/2003
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3,246 Msglog.java,v
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                  03:47p
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                                                   2,429 OnMsglogRecovery.java,v
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                  01:32p
                                                   1,735 SyncInfoTree.java,v
                  03:53p
                                                           Page 69
```

```
dir.txt
                                                          2,147 SyncMsg.java,v
1,621 TestMsg.java,v
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08/27/2003 01:32p
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08/27/2003

10/23/2003

10/27/2003

10/06/2003

10/06/2003

10/27/2003

08/27/2003

09/16/2003

10/24/2003

08/27/2003

08/27/2003

09/16/2003
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2,890 NetworkToQueue.java,v
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                                                          3,561 Queue.java,v
1,330 QueueServer.java,v
2,263 QueueToNetwork.java,v
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                     02:48p
                                                          4,019 Recoverer.java,v
1,548 RvMsgHandler.java,v
3,857 RvTransport.java,v
8,720 Subscriber.java,v
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                     01:32p
                     04:03p
                     01:15p
                                                          710 SubscriberInterface.java,v
2,017 TCPListener.java,v
6,309 TCPTransport.java,v
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09/16/2003
10/13/2003
10/24/2003
                     04:03p
                     11:33a
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7,992 UDPTransport.java,v
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08/27/2003
08/27/2003
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                                                                    0 bytes
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7,314 CustIDMapping.java,v
6,839 Customer.java,v
3,214 CustTradingAcct.java,v
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10/16/2003
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```

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10/16/2003
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5,144 CommissionRuleData.java,v
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                                                        986 ExecOpts.java,v
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657 IRuleData.java,v
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11,591 TradeRuleData.java,v
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02:48p
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729 IRefLinkChangeListener.java,v
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4,503 pt.vcproj,v
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dir.txt
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6,554 Makefile.in,v
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                                                 647 tradeclient.cfg,v
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6,540 Makefile.in,v
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                                                                               java
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7,639 application.html,v
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                            10:44a
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                                                                              704 sending_messages_4.html,v
530 user_defined_1.html,v
758 user_defined_2.html,v
Page 77
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dir.txt
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12,697 bytes
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524 outsideBottomRight.gif,v
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1,015 sending_messages_3.html,v
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                                                                            724 sending_messages_4.html,v
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842 user_defined_2.html,v
651 user_defined_3.html,v
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212,289 configure,v
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dir.txt
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11,975 Makefile.in,v
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628 build.bat,v
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09/19/2003
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 09/19/2003
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9,209 Application.cpp,v
                                                 473
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                                              5,358 Application.h,v
3,243 IDGenerator.h,v
                                                 243 IDGenerator.h,v
754 Makefile.am,v
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                                              5,660 Market.cpp,v
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                                              3,394 Market.h,v
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                                              5,326 ordermatch.dsp,v
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09/19/2003
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3,179 TestSuite.h,v
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dir.txt

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416 Makefile.am,v
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                                         9,451 Makefile.in,v
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                                         1,522 build.xml,v
498 Makefile.am,v
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                                         5,542 ExecutionTableModel.java,v
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                                           ,172 IntegerNumberTextField.java,v
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                                         3,208 LogonEvent.java,v
                                                Page 81
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dir.txt
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                                                      432 Makefile.am,v

9,590 Makefile.in,v

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6,734 OrderTableModel.java,v

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3,792 java_MessageFactory.xsl,v
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dir.txt
                                                                                                                         3,822 Exceptions.h,v
6,056 Field.h,v
144,149 FieldNumbers.h,v
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167,497 Fields.h,v
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4,630 FileLog.h,v
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5,619 Callstack.h,v
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688 URLLink.java,v
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dir.txt
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dir.txt
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3,755 ListCancelRequest.java,v
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2,368 Logout.java.v
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6,875 MessageFactory.java,v
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44,789 NewOrderSingle.java,v
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32,592 SecurityDefinitionRequest.java,v
22,372 SecurityStatus.java,v
14,987 SecurityStatusRequest.java,v
1,955 SequenceReset.java,v
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13,299 BidResponse.java,v
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1,219 Heartbeat.java,v
38,586 IndicationOfInterest.java,v
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2,368 Logout.java,v
419 Makefile.am,v
6,627 Makefile.in,v
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46,773 MarketDataSnapshotFullRefresh.java,v
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9,162 MessageFactory.java,v
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83,513 NewOrderCross.java,v
92,994 NewOrderList.java,v
101,267 NewOrderMultileg.java,v
81,873 NewOrderSingle.java,v
12,366 News.java,v
12,366 OrderCancelReplaceRequest.java,v
79,956 OrderCancelReplaceRequest.java,v
37,236 OrderCancelReplaceRequest.java,v
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1,376 FixParserTestCase.rb,v
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                                               736 runut.bat,v
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                 10:44a
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09/19/2003
                                             1,923 SocketServerTestCase.rb,v
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                10:44a
09/19/2003
                                             3,688 test.rb,v
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                                             4,605 atrun.vcproj,v
                                            3,092 main.cpp,v
428 Makefile.am,v
6,570 Makefile.in,v
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                10:44a
09/19/2003
                                             3,259 Process.cpp,v
                10:44a
09/19/2003
09/19/2003
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787 TestSuite.h,v
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                                            26,261 bytes
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09/19/2003
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09/19/2003
09/19/2003
                                <DIR>
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                                                    client
                10:44a
                                <DIR>
                                                    server
                10:44a
                                               410 .cvsignore,v
09/19/2003
                10:44a
                                               518 fields.fmt,v
                                                   Page 106
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dir.txt
      09/19/2003
09/19/2003
09/19/2003
09/19/2003
                                      10:44a
                                                                                           452 Makefile.am,v
10,985 Makefile.in,v
                                       10:44a
                                       10:44a
                                                                                                   401 SOH, v
                                      10:44a
                                                                                                    494 SOH.rb.v
                                              6 File(s)
                                                                                             13,260 bytes
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09/19/2003
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677 bytes
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01/01/1601
09/19/2003
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                                                                                          10,988 Makefile.in,v
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01/01/1601
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                                                                                         866 10_MsgSeqNumEqual.def,v
907 10_MsgSeqNumGreater.def,v
1,029 10_MsgSeqNumLess.def,v
1,116 11a_NewSeqNoGreater.def,v
1,108 11b_NewSeqNoEqual.def,v
1,366 11c_NewSeqNoLess.def,v
712 13b_UnsolicitedLogoutMessage.def,v
2,213 14a_BadField.def,v
1,647 14b_RequiredFieldMissing.def,v
1,503 14c_TagNotDefinedForMsgType.def,v
1,399 14d_TagSpecifiedWithoutValue.def,v
1,374 14e_IncorrectEnumValue.def,v
1,316 14f_IncorrectDataFormat.def,v
1,688 14g_HeaderBodyTrailerFieldsOutoforder.def,v
1,734
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   09/19/2003
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  15_HeaderAndBodyFieldsOrderedDifferently.def,v
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09/19/2003 10:44a 1,474
19a_PossResendMessageThatHAsAlreadyBeenSent.def,v
09/19/2003 10:44a 1,393 19b_PossRes
09/19/2003 10:44a 713 1a_ValidLog
09/19/2003 10:44a 606 1a_ValidLog
09/19/2003 10:44a 901 1b_Duplicat
09/19/2003 10:44a 531 1c_InvalidS
09/19/2003 10:44a 531 1c_InvalidT
09/19/2003 10:44a 550 1d_InvalidLog
09/19/2003 10:44a 550 1d_InvalidLog
09/19/2003 10:44a 551 1e_NotLogon
09/19/2003 10:44a 551 1e_NotLogon
09/19/2003 10:44a 1,833 20_Simultan
09/19/2003 10:44a 939 2a_MsgseqNu
09/19/2003 10:44a 1,392 2b_MsgSeqNu
09/19/2003 10:44a 831 2c_MsgSeqNu
09/19/2003 10:44a 831 2c_MsgSeqNu
09/19/2003 10:44a 1,405 2d_GarbledM
Page 107
                                                                                         1,393 19b_PossResendMessageThatHasNotBeenSent.def,v
713 1a_ValidLogonMsgSeqNumTooHigh.def,v
606 1a_ValidLogonWithCorrectMsgSeqNum.def,v
                                                                                              901 1b_DuplicateIdentity.def,v
531 1c_InvalidSenderCompID.def,v
531 1c_InvalidTargetCompID.def,v
530 1d_InvalidLogonLengthInvalid.def,v
                                                                                               526 1d_InvalidLogonWrongBeginString.def,v
521 1e_NotLogonMessage.def,v
                                                                                         1,833 20_SimultaneousResendRequest.def,v
                                                                                        939 2a_MsgSeqNumCorrect.def,v
1,392 2b_MsgSeqNumTooHigh.def,v
831 2c_MsgSeqNumTooLow.def,v
1,405 2d_GarbledMessage.def,v
                                                                                                      Page 107
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09/19/2003
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                                                                                                                   dir.txt
                                                                                                  936 2e_PossDupAlreadyReceived.def,v
1,034 2e_PossDupNotReceived.def,v
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                                     10:44a
                                                                                                  1,497 2f_PossDupNotReceived.def,v

1,497 2f_PossDupOrigSendingTimeTooHigh.def,v

1,614 2g_PossDupNoOrigSendingTime.def,v

1,216 2i_BeginStringValueUnexpected.def,v

2,101 2k_CompIDDoesNotMatchProfile.def,v

2,180 2m_BodyLengthValueNotCorrect.def,v

1,447 2o_SendingTimeValueOutOfRange.def,v

862 2g_MsgTypeNotValid.def v
                                     10:44a
                                     10:44a
                                     10:44a
                                     10:44a
                                     10:44a
                                     10:44a
                                     10:44a
                                                                                                        862 2q_MsgTypeNotValid.def,v
                                                                                                  953 2r_UnregisteredMsgType.def,v
1,062 2t_FirstThreeFieldsOutofOrder.def,v
1,343 3b_InvalidChecksum.def,v
                                     10:44a
                                     10:44a
                                     10:44a
                                     10:44a
                                                                                                  1,166 3c_GarbledMessage.def,v
                                                                                                        841 4a_NoDataSentDuringHeartBtInt.def,v
760 4b_ReceivedTestRequest.def,v
                                     10:44a
                                     10:44a
                                                                                                  1,367 6_SendTestRequest.def,v
775 7_ReceiveRejectMessage.def,v
4,771 8_AdminAndApplicationMessages.def,v
                                     10:44a
10:44a
                                     10:44a
                                                                                                  1,607 8_OnlyAdminMessages.def,v
2,345 8_OnlyApplicationMessages.def,v
64,001 bytes
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     Directory of D:\cvs\qfix\test\definitions\server\fix41
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01/01/1601
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                                     12:00a
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                                                                                                  866 10_MsgSeqNumEqual.def,v
907 10_MsgSeqNumGreater.def,v
1,029 10_MsgSeqNumLess.def,v
                                     10:44a
                                                                                                1,029 10_MsgSeqNumLess.def,v
1,116 11a_NewSeqNoGreater.def,v
1,108 11b_NewSeqNoEqual.def,v
1,366 11c_NewSeqNoLess.def,v
712 13b_UnsolicitedLogoutMessage.def,v
2,213 14a_BadField.def,v
1,647 14b_RequiredFieldMissing.def,v
1,503 14c_TagNotDefinedForMsgType.def,v
1,399 14d_TagSpecifiedWithoutValue.def,v
1,374 14e_IncorrectEnumValue.def,v
1,316 14f_IncorrectDataFormat.def,v
1,694 14g_HeaderBodyTrailerFieldsOutOfOrder.def,v
1,734
                                     10:44a
                                                                                                  1,734
 15_HeaderAndBodyFieldsOrderedDifferently.def,v
09/19/2003 10:44a 1,474
19a_PossRes
09/19/2003
09/19/2003
09/19/2003
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09/19/2003
09/19/2003
09/19/2003
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09/19/2003
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09/19/2003
09/19/2003
  19a_PossResendMessageThatHAsAlreadyBeenSent.def,v
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10:44a
                                                                                                  1,393 19b_PossResendMessageThatHasNotBeenSent.def,v
713 1a_Va]idLogonMsgSeqNumTooHigh.def,v
                                                                                                       713 la_ValidLogonMsgSeqNumlooHigh.det,v
606 la_ValidLogonWithCorrectMsgSeqNum.def,v
901 lb_DuplicateIdentity.def,v
531 lc_InvalidSenderCompID.def,v
531 lc_InvalidTargetCompID.def,v
550 ld_InvalidLogonLengthInvalid.def,v
526 ld_InvalidLogonWrongBeginString.def,v
521 le NotlogonMessage def v
                                    10:44a
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                                    10:44a
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                                                                                                 521 le_NotLogonMessage.def,v
1,833 20_SimultaneousResendRequest.def,v
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939 2a_MsgSeqNumCorrect.def,v
1,392 2b_MsgSeqNumTooHigh.def,v
831 2c_MsgSeqNumTooLow.def,v
1,405 2d_GarbledMessage.def,v
936 2e_PossDupAlreadyReceived.def,v
1,034 2e_PossDupNotReceived.def,v
1,497 2f_PossDupNotReceived.def,v
1,614 2g_PossDupNotRigSendingTime_def,v
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                                    10:44a
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                                    10:44a
                                    10:44a
                                                                                                 1,614 2g_PossDupNoOrigSendingTime.def,v
1,216 2i_BeginStringValueUnexpected.def,v
                                    10:44a
                                    10:44a
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Page 108

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dir.txt
09/19/2003
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09/19/2003
                                                                                          2,101 2k_CompIDDoesNotMatchProfile.def,v
2,181 2m_BodyLengthValueNotCorrect.def,v
                                 10:44a
                                 10:44a
                                                                                           1,447 2o_sendingTimeValueOutOfRange.def,v
                                 10:44a
                                                                                          862 2q_MsgTypeNotValid.def,v
965 2r_UnregisteredMsgType.def,v
1,062 2t_FirstThreeFieldsoutoforder.def,v
                                 10:44a
                                 10:44a
                                 10:44a
                                                                                          1,343 3b_InvalidChecksum.def,v
1,166 3c_GarbledMessage.def,v
841 4a_NoDataSentDuringHeartBtInt.def,v
                                 10:44a
                                 10:44a
                                  10:44a
                                                                                                760 4b_ReceivedTestRequest.def,v
                                                                                          1,367 6_SendTestRequest.def,v
775 7_ReceiveRejectMessage.def,v
4,771 8_AdminAndApplicationMessages.def,v
1,607 8_OnlyAdminMessages.def,v
2,345 8_OnlyApplicationMessages.def,v
64,020 bytes
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01/01/1601
09/19/2003
09/19/2003
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09/19/2003
09/19/2003
                                  12:00a
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                                                                                                 866 10_MsgSeqNumEqual.def,v
907 10_MsgSeqNumGreater.def,v
                                   10:44a
                                  10:44a
                                                                                            1,029 10_MsgSeqNumLess.def,v
                                   10:44a
                                                                                           1,116 11a_NewSeqNoGreater.def,v
1,108 11b_NewSeqNoEqual.def,v
1,390 11c_NewSeqNoLess.def,v
                                   10:44a
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                                                                                           1,390 llc_NewSeqNoLess.det,v
712 l3b_UnsolicitedLogoutMessage.def,v
2,269 l4a_BadField.def,v
1,668 l4b_RequiredFieldMissing.def,v
1,518 l4c_TagNotDefinedForMsgType.def,v
1,414 l4d_TagSpecifiedWithoutValue.def,v
2,060 l4e_IncorrectEnumValue.def,v
1,331 l4f_IncorrectDataFormat.def,v
1,712 l4g_HeaderBodyTrailerFieldsOutoforder.def,v
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                                                                                            1,768
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   15_HeaderAndBodyFieldsOrderedDifferently.def,v
09/19/2003 10:44a 1,494
  15_HeaderAndBodyFieldsOrderedDifferently.def,v
09/19/2003 10:44a 1,494
19a_PossResendMessageThatHAsAlreadyBeenSent.def,v
09/19/2003 10:44a 1,411 19b_PossRes
09/19/2003 10:44a 713 1a_ValidLog
09/19/2003 10:44a 606 1a_ValidLog
09/19/2003 10:44a 901 1b_Duplicat
09/19/2003 10:44a 531 1c_InvalidIog
09/19/2003 10:44a 531 1c_InvalidIog
09/19/2003 10:44a 550 1d_InvalidIog
09/19/2003 10:44a 526 1d_InvalidIog
109/19/2003 10:44a 521 1e_NotLogor
09/19/2003 10:44a 1,895 20_Simultan
09/19/2003 10:44a 1,632
21_RepeatingGroupSpecifierWithValueOfZero.def,v
                                                                                            1,411 19b_PossResendMessageThatHasNotBeenSent.def,v
713 1a_ValidLogonMsgSeqNumTooHigh.def,v
                                                                                                  606 la_validLogonWithCorrectMsgSeqNum.def,v.
                                                                                                 901 1b_DuplicateIdentity.def,v
531 1c_InvalidSenderCompID.def,v
531 1c_InvalidTargetCompID.def,v
550 1d_InvalidLogonLynopThInvalid.def,v
                                                                                            526 1d_InvalidLogonWrongBeginString.def,v
521 1e_NotLogonMessage.def,v
1,895 20_simultaneousResendRequest.def,v
1,632
  21_RepeatingGroupSpecifierWithValueOfZero.def,v
09/19/2003 10:44a 939 2a_MsgSeqNumCorrect.def,v
09/19/2003 10:44a 1,392 2b_MsgSeqNumTooHigh.def,v
  831 2c_MsgSeqNumTooLow.def,v
1,417 2d_GarbledMessage.def,v
936 2e_PossDupAlreadyReceived.def,v
                                   10:44a
                                   10:44a
                                    10:44a
                                                                                            1,034 2e_PossDupNotReceived.def,v
1,547 2f_PossDupOrigSendingTimeTooHigh.def,v
1,665 2g_PossDupNoOrigSendingTime.def,v
1,216 2i_BeginStringValueUnexpected.def,v
                                    10:44a
                                    10:44a
                                    10:44a
                                                                                            1,216 2i_BeginStringValueUnexpected.def,v
2,146 2k_CompIDDoesNotMatchProfile.def,v
2,250 2m_BodyLengthValueNotCorrect.def,v
1,473 2o_sendingTimeValueOutOfRange.def,v
   09/19/2003
09/19/2003
09/19/2003
                                    10:44a
                                    10:44a
                                    10:44a
    09/19/2003
                                    10:44a
                                                                                                          Page 109
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dir.txt

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875 2q_MsgTypeNotValid.def,v
952 2r_UnregisteredMsgType.def,v
1,062 2t_FirstThreeFieldsOutOforder.def,v
1,355 3b_InvalidChecksum.def,v
     09/19/2003
09/19/2003
09/19/2003
                                                     10:44a
                                                     10:44a
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    09/19/2003
09/19/2003
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                                                     10:44a
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                                                                                                                                      1,166 3c_GarbledMessage.def,v
                                                     10:44a
                                                                                                                                             841 4a_NoDataSentDuringHeartBtInt.def,v
760 4b_ReceivedTestRequest.def,v
                                                     10:44a
                                                     10:44a
                                                                                                                                     1,360 6_SendTestRequest.def.v
                                                                                                                                     775 7_ReceiveRejectMessage.def,v
4,952 8_AdminAndApplicationMessages.def,v
1,597 8_OnlyAdminMessages.def,v
                                                     10:44a
                                                     10:44a
                                                    10:44a
                                                                                                                                     2,470 8_OnlyApplicationMessages.def,v
67,190 bytes
      09/19/2003
                                                    10:44a
                                                            51 File(s)
         Directory of D:\cvs\qfix\test\definitions\server\fix43
  866 10_MsgSeqNumEqual.def,v
907 10_MsgSeqNumGreater.def,v
1,029 10_MsgSeqNumLess.def,v
                                                                                                                                   1,029 10_MsgSeqNumLess.def,v
1,116 11a_NewSeqNoGreater.def,v
1,108 11b_NewSeqNoEqual.def,v
1,390 11c_NewSeqNoLess.def,v
712 13b_UnsolicitedLogoutMessage.def,v
2,269 14a_BadField.def,v
1,668 14b_RequiredFieldMissing.def,v
1,518 14c_TagNotDefinedForMsgType.def,v
1,414 14d_TagSpecifiedWithoutValue.def,v
2,057 14e_IncorrectEnumValue.def,v
1,331 14f_IncorrectDataFormat.def,v
1,726 14g_HeaderBodyTrailerFieldsOutOforder.def,v
1,768
 09/19/2003 10:44a 1,494
19a_PossResendMessageThatHAsAlreadyBeenSent.def,v
09/19/2003 10:44a 1,411 19b_PossRes
09/19/2003 10:44a 713 1a_ValidLog
09/19/2003 10:44a 606 1a_ValidLog
09/19/2003 10:44a 901 1b_Duplicat
09/19/2003 10:44a 531 1c_InvalidS
09/19/2003 10:44a 531 1c_InvalidT
09/19/2003 10:44a 550 1d_InvalidLog
09/19/2003 10:44a 526 1d_InvalidLog
09/19/2003 10:44a 526 1d_InvalidLog
09/19/2003 10:44a 521 1e_NotLogon
09/19/2003 10:44a 1,605
21_RepeatingGroupSpecifierWithValueOfZero.def.v
                                                                                                                                    1,411 19b_PossResendMessageThatHasNotBeenSent.def.v
                                                                                                                                            713 la_ValidLogonMsgSeqNumTooHigh.def,v
606 la_ValidLogonWithCorrectMsgSeqNum.def,v
                                                                                                                                   901 1b_DuplicateIdentity.def,v
531 1c_InvalidSenderCompID.def,v
531 1c_InvalidTargetCompID.def,v
550 1d_InvalidLogonLengthInvalid.def,v
526 1d_InvalidLogonWrongBeginString.def,v
521 1e_NotLogonMessage.def,v
1,895 20_SimultaneousResendRequest.def,v
09/19/2003 10:44a 1,605
21_RepeatingGroupSpecifierWithValueOfZero.def,v
09/19/2003 10:44a 939 2a_MsgSeqNumCorrect.def,v
09/19/2003 10:44a 939 2b_MsgSeqNumTooHigh.def,v
09/19/2003 10:44a 1,392 2b_MsgSeqNumTooLow.def,v
09/19/2003 10:44a 1,417 2d_GarbledMessage.def,v
09/19/2003 10:44a 936 2e_PossDupAlreadyReceived.def,v
09/19/2003 10:44a 1,034 2e_PossDupNotReceived.def,v
09/19/2003 10:44a 1,665 2g_PossDupNorigSendingTimeTooHigh
09/19/2003 10:44a 1,665 2g_PossDupNorigSendingTimeOoHigh
09/19/2003 10:44a 1,216 2i_BeginStringValueUnexpected.def
09/19/2003 10:44a 2,146 2k_CompIDDoesNotMatchProfile.def
09/19/2003 10:44a 2,257 2m_BodyLengthValueNotCorrect.def
09/19/2003 10:44a 2,257 2m_BodyLengthValueOutOfRange.def
09/19/2003 10:44a 947 2r_UnregisteredMsgType.def,v
09/19/2003 10:44a 947 2r_UnregisteredMsgType.def,v
09/19/2003 10:44a Page 110
                                                                                                                                 936 2e_PossDupAlreadyReceived.def,v

1,034 2e_PossDupNotReceived.def,v

1,547 2f_PossDupOrigSendingTimeTooHigh.def,v

1,665 2g_PossDupNoOrigSendingTime.def,v

1,216 2i_BeginStringValueUnexpected.def,v

2,146 2k_CompIDDoesNotMatchProfile.def,v

2,257 2m_BodyLengthValueNotCorrect.def,v

1,473 2o_SendingTimeValueOutOfRange.def,v

875 2q_MsgTypeNotValid.def,v

947 2r UnregisteredMsgTvpe.def.v
                                                                                                                                  947 2r_UnregisteredMsgType.def,v
1,062 2t_FirstThreeFieldsoutOfOrder.def,v
                                                                                                                                                      Page 110
```

```
dir.txt
09/19/2003
09/19/2003
09/19/2003
                                                    1,355 3b_InvalidChecksum.def,v
1,166 3c_GarbledMessage.def,v
                   10:44a
                   10:44a
                   10:44a
                                                       841 4a_NoDataSentDuringHeartBtInt.def,v
09/19/2003
09/19/2003
                   10:44a
                                                       760 4b_ReceivedTestRequest.def,v
                                                    1,360 6_SendTestRequest.def,v
775 7_ReceiveRejectMessage.def,v
                   10:44a
09/19/2003
09/19/2003
09/19/2003
09/19/2003
                   10:44a
                                                    4,952 8_AdminAndApplicationMessages.def,v
1,597 8_OnlyAdminMessages.def,v
2,470 8_OnlyApplicationMessages.def,v
67,176 bytes
                   10:44a
                   10:44a
                   10:44a
                       51 File(s)
 Directory of D:\cvs\qfix\test\definitions\server\future
01/01/1601
01/01/1601
09/19/2003
09/19/2003
09/19/2003
09/19/2003
                   12:00a
12:00a
                                      <DIR>
                                      <DIR>
                   10:44a
                                                       408 .cvsignore,v
                                                    1,372 14h_RepeatedTag.def,v
1,366 14i_RepeatingGroupCountNotEqual.def,v
1,393 14j_OutOfRepeatingGroupMembers.def,v
1,306 14k_EmbeddedSOH.def,v
                   10:44a
                   10:44a
                   10:44a
                   10:44a
09/19/2003
09/19/2003
09/19/2003
                                                       606 la_ValidLogonWithCorrectMsgSeqNum.def,v
                   10:44a
                                                    418 Makefile.am,v
6,612 Makefile.in,v
                   10:44a
                   10:44a
                        8 File(s)
                                                    13,481 bytes
 Directory of D:\cvs\syblib
01/01/1601
01/01/1601
09/19/2003
                   12:00a
                                      <DIR>
                   12:00a
                                      <DIR>
                                                   614 gcc.sh,v
17,651 SybInterface.cpp,v
                   11:24a
09/19/2003
                   11:24a
                        2 File(s)
                                                    18,265 bytes
 Directory of D:\cvs\tmp
                   12:00a
01/01/1601
                                      <DIR>
01/01/1601
                   12:00a
                                      <DIR>
                        0 File(s)
                                                            0 bytes
        Total Files Listed: 3845 File(s)
                                              57,753,814 bytes
                   1329 Dir(s)
                                                            0 bytes free
```